

20010226.qrp v02_n110.qrl.20010226

Date: Mon, 26 Feb 2001 19:03:08 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2110

QRP-L Digest 2110

Topics covered in this issue include:

- 1) [92629] RE: Ground question
by Nick Kennedy <nkennedy@tcainternet.com>
- 2) [92630] I was lost, but now...?
by FrConrad@aol.com
- 3) [92631] Re: Manhattan construction pads
by "Jim Kortge, K8IQY" <jokortge@prodigy.net>
- 4) [92632] Kite antenna support article
by "Dave Benham" <dodgeboy@mindspring.com>
- 5) [92633] powermite+etc and ohr 100a/30m sold
by "Michael Herman" <kc9nf@hotmail.com>
- 6) [92634] Re: Kite antenna support article
by "Dave Benham" <dodgeboy@mindspring.com>
- 7) [92635] N2JJ ARRL DX TEST CW QRPp Results + D68C
by Jim Janack <n2jj@ix.netcom.com>
- 8) [92636] TMPs - de N5IB
by n5ib@juno.com
- 9) [92637] Re: Kite antenna support article
by "lyon" <sslyon@megalink.net>
- 10) [92638] KAT1 responses - thanks!!!
by John Wagner <john@neknetwork.com>
- 11) [92639] Re: FOX: Cub Fox Announcement February 26
by John Wagner <john@neknetwork.com>
- 12) [92640] Re: QST on CD and Linux
by muglesto@ecentral.com
- 13) [92641] OT: Space Station Viewing
by "Denis Englander" <ko6gf@slip.net>
- 14) [92642] Re: Kite antenna support article
by "George Heron N2APB" <n2apb@erols.com>
- 15) [92643] Re: BNC connectors for RG174?
by muglesto@ecentral.com
- 16) [92644] Re: QRP Banquet door prize solicitation
by muglesto@ecentral.com
- 17) [92645] Re: Space Station Viewing
by "Chris" <w4yyz@tampabay.rr.com>
- 18) [92646] Re: warbler mess up
by "George Heron N2APB" <n2apb@erols.com>
- 19) [92647] Re: QST cd's and Linux

by moglesto@ecentral.com

20) [92648] Help!--lost 68 e-mails ; ^(
by "Wilford D. Lindsey" <70511.3041@compuserve.com>

21) [92649] Re: Holy Crow! 4Q2LID -- 2nd call!
by "John Moriarity" <k6qq@hdo.net>

22) [92650] Re: Holy Crow! 4Q2LID -- 2nd call!
by "Phil (VA3UX)" <phil@vaxxine.com>

23) [92651] Re: FWD: Fw: Int'l. Criminal Court Legislation (fwd)
by Dragon Singer <dragonsinger@earthlink.net>

24) [92652] Rig Repairs-Steve Weber
by Mike Zabel <mikezabel@qwest.net>

25) [92653] Re: OT: Space Station Viewing
by MIKE SOUHRADA <wb9iog@revealed.net>

26) [92654] Re: Holy Crow! 4Q2LID - (ENUF)
by david gauding <david.gauding@bbs.galilei.com>

27) [92655] Going to Tucson
by "Ron, KU7Y" <ku7y@qsl.net>

28) [92656] Re: Holy Crow! 4Q2LID -- 2nd call!
by "Adrian Weiss" <aweiss@usd.edu>

29) [92657] Re: Holy Crow! 4Q2LID - (ENUF)
by david gauding <david.gauding@bbs.galilei.com>

30) [92658] OT: QRP antenna traps...
by Patrick Armstrong <aa7fg@gte.net>

31) [92659] Help needed TC5070P to repair TS130
by "Donny Sirait" <dsirait@centrin.net.id>

32) [92660] Re: Any 6 Meter Receiver Schematics?
by "Leon Heller" <leon_heller@hotmail.com>

33) [92661] Fox----Final Run
by Dan Wolfe <n4roa@mounet.com>

34) [92662] Fw: [DSP-RADIO] 1296 QRP EME
by "Christopher Cox" <cobox@urec.net>

35) [92663] SPECIAL QRPp BEACON (VA6RF/B)
by Earl Murphy <earlmurf@telusplanet.net>

36) [92664] Re: PSK-31 for the Blind
by John R Kirby <n3aaz-qrp@juno.com>

37) [92665] Last call, QRP Hall of Fame 2001
by "Mike Czuhajewski" <wa8mcq@erols.com>

38) [92666] More filter design software
by "Mike Czuhajewski" <wa8mcq@erols.com>

39) [92667] Rig Repairs-Steve Weber
by Mike Zabel <mikezabel@qwest.net>

40) [92668] Members of the QRP Hall of Fame
by "Mike Czuhajewski" <wa8mcq@erols.com>

41) [92669] QSL route for 5A1A?
by John AE5X <ae5x@juno.com>

42) [92670] Re: SPECIAL QRPp BEACON (VA6RF/B)
by Paul Dryer <psdryer@ticnet.com>

43) [92671] W0CQC results K0FRP

by "al dawkins" <alk0frp@home.com>
44) [92672] Re: QSL route for 5A1A?
by Pat Cain <pcain@onvoymail.com>
45) [92673] Re: QSL route for 5A1A?
by Pat Cain <pcain@onvoymail.com>
46) [92674] Cutting Paper Phenolic PCB
by "Chuck Carpenter" <w5usj@globeco.net>
47) [92675] Re: QSL route for 5A1A?
by "John L. Sielke" <w2agn@pobox.com>
48) [92676] Re: Cutting Paper Phenolic PCB
by "Leon Heller" <leon_heller@hotmail.com>
49) [92677] BNC or RCA connectors for RG174?
by "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
50) [92678] Re: SWR from outside looking in - significant
by "Lau, Zack, W1VT" <zlau@arrl.org>
51) [92679] Re: PSK-31 for the Blind
by "bob baxter" <rbaxter@cybertrails.com>
52) [92680] RE: QRP antenna traps...
by "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
53) [92681] Re: BNC or RCA connectors for RG174?
by Paul Dryer <psdryer@ticnet.com>
54) [92682] Re: QSL route for 5A1A?
by Jeff Stai WK6I <jstai@home.com>
55) [92683] Re: QSL route for 5A1A?
by "Brian" <bmurrey@amexol.net>
56) [92684] Re: Holy Crow! 4Q2LID - HOW TO FIND QSL ROUTES
by Jeff Stai WK6I <jstai@home.com>
57) [92685] Re: Holy Crow! 4Q2LID -- 2nd call!
by Jeff Stai WK6I <jstai@home.com>
58) [92686] want to buy tuna tin 2 kit...
by Maxime Prati <mprati@postech.ca>
59) [92687] Re: BNC or RCA connectors for RG174?
by "George, W5YR" <w5yr@att.net>
60) [92688] MS15
by Ken Brown <n4so@juno.com>
61) [92689] Re: SWR from outside looking in - significant
by "Lau, Zack, W1VT" <zlau@arrl.org>
62) [92690] Wanted - Parts for EP-3
by Mike Pupeza <mpupeza@altavista.com>
63) [92691] [CONTEST] New QRP Sprint with Awards!
by Ken Newman <N2CQ@citnet.com>
64) [92692] Reminder--AL7FS pizza get-together
by "Bob Tellefsen" <n6wg@earthlink.net>
65) [92693] Bouncing SWRs on a Field Day G5RV and the why there of
by Jeff <fantbb@yahoo.com>
66) [92694] The Clandestine Ham
by Jeff Grudin <grudin@vdbbs.com>
67) [92695] Re: QSL route for 5A1A?

by John Harper AE5X <ae5x@qsl.net>
68) [92696] PT as TT2 Enclosure
by "Chuck Carpenter" <w5usj@globeco.net>
69) [92697] N9SSA/BCN test report
by "Pete (N9SSA)" <n9ssa@arrl.net>
70) [92698] RCA's for RF-- Plastics
by "Chuck Carpenter" <w5usj@globeco.net>
71) [92699] RE: Milton VT QRP Forum, 2/24/2001
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
72) [92700] Re: Milton VT QRP Forum, 2/24/2001
by "Victor Blackwell" <victor@brecnet.com>
73) [92701] FS: Norcal 20 - \$95 to your door
by John Wagner <john@neknetwork.com>
74) [92702] CQC Contest on 80m
by "Adrian Weiss" <aweiss@usd.edu>
75) [92703] RE: Milton VT QRP Forum, 2/24/2001
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
76) [92704] Re: BNC or RCA connectors for RG174?
by Rick Robinson <rerobins@email.uncc.edu>
77) [92705] qrp and sunspots
by DaveLeDuc@aol.com
78) [92706] Norcal 20 sold
by John Wagner <john@neknetwork.com>
79) [92707] Seeking unbuilt NJQRP Rainbow Tuner
by Edgerhardt@aol.com
80) [92708] RE: BNC or RCA connectors for RG174?
by "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
81) [92709] FW: [DSP-10] 1296 QRP EME
by <schoon@amgt.com>
82) [92710] Last SPRAT renewal reminder
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
83) [92711] OT: Vibroplex Champion help
by Stephen M Smith <sigcom@juno.com>
84) [92712] Hot Antenna? Naw!!!
by "Stuart Rohre" <rohre@arlut.utexas.edu>
85) [92713] Artificial grounds (tuner for counterpoise wires)
by "Stuart Rohre" <rohre@arlut.utexas.edu>
86) [92714] Michigan QRP Net
by ed.kwik@delphiauto.com
87) [92715] P-TiCks & ArkieCon
by "Jay Bromley" <w5jay@alltel.net>
88) [92716] Spratly Islands/9M0M
by Ken Brown <n4so@juno.com>
89) [92717] Re: Artificial grounds (tuner for counterpoise wires)
by Rick Robinson <rerobins@email.uncc.edu>
90) [92718] Ham radio Linux question
by "Charles Mabbott" <crmabbott@mediaone.net>
91) [92719] Re: Hot Antenna? Naw!!!

by "Bill Acito" <w1pa@hotmail.com>
92) [92720] HB - salvaged parts
by n5ib@juno.com
93) [92721] Re: OT: Vibroplex Champion help GOT IT!
by Stephen M Smith <sigcom@juno.com>
94) [92722] Re: BNC or RCA connectors for RG174?
by Bruce Muscolino <w6toy@erols.com>
95) [92723] Re: BNC or RCA connectors for RG174?
by "George, W5YR" <w5yr@att.net>
96) [92724] Re: qrp and sunspots
by Bruce Muscolino <w6toy@erols.com>
97) [92725] Re: BNC or RCA connectors for RG174?
by "Russ Hines" <radioruss@fuse.net>
98) [92726] 4Q2LID???
by "Ron, KU7Y" <ku7y@qsl.net>
99) [92727] Re: 4Q2LID???
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
100) [92728] Re: Fw: World Record Shortwave QSO - Pedestrian to Pedestrian
by Larry S Cahoon <wd3p@juno.com>
101) [92729] Re: 2x4STUD
by n2go@arrl.net
102) [92730] 1N295 Diode Replacement
by res075cz@gte.net
103) [92731] Re: Hot Antenna? Naw!!!
by Paul Dryer <psdryer@ticnet.com>
104) [92732] HB - flavoradio parts
by n5ib@juno.com

Date: Sun, 25 Feb 2001 18:08:51 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "'Drbob92031@aol.com'" <Drbob92031@aol.com>, Low Power Amateur Radio
Discussion <qrp-l@Lehigh.EDU>
Subject: [92629] RE: Ground question
Message-ID: <01C09F56.02706CA0.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hello Bob--

Yes you need a good ground with that longwire or other end fed wire. As has been pointed out here before, an antenna like a dipole or beam doesn't need a ground because it is balanced. A long wire is kinda like half an antenna and you need the ground to "complete the circuit", as one person aptly put it.

Now, as to using the power wiring's 3rd wire--I wouldn't recommend that.

In it's function as a safety ground, it doesn't normally carry current; only if there's a fault. But if you use it as your longwire's ground, it's going to carry current and essentially the same amount as the antenna.

This signal is tightly coupled to the hot and neutral of your house wiring, being in the same cable, so expect to overload everything with RF.

In reality, you are already connected to the power wiring, so you wouldn't have to do anything special to make this happen other than not provide another (better) ground. Your rig has unbalanced output--the shell side of the coax connector is connected to the case of the rig, which is also connected to the 3rd wire of the power cord. So the connection is already made. Give the RF a better place to go by providing some of those counterpoise wires or whatever. Those things are really just radials connected directly at the rig. If you are on the ground floor, you might want to run a short wire to a ground wire and some radials out from there.

I can imagine doing the opposite of what you are considering--wrapping the power cord of the rig around a ferrite rod to try to keep RF out of the power wiring. I seem to remember having an antenna system sometime back in the dim past ... when I keyed the rig, the lights in the house would blink in synch. And it wasn't voltage drop--it was RF. Somehow I knew that couldn't be good. (No, I wasn't running a kW.)

While I'm on a roll ... Longwires! Man, I'm glad I don't have to use those things anymore. Tricky tuning, RF everywhere, and the blister I got on my fingertip when I touched the painted front panel of my HW-101, all unpleasant memories. But I guess there are situations where you have to use them. You can maybe avoid a lot of that stuff by making it a quarter wave long instead random length.

72 & GL--Nick, WA5BDU

-----Original Message-----

From: Drbob92031@aol.com [SMTP:Drbob92031@aol.com]

Sent: Sunday, February 25, 2001 8:55 AM

To: Low Power Amateur Radio Discussion

Subject: Ground question

To all;

For those who have been helping I appreciate you perseverance with me.

At this point in time I feel that a long wire will offer me the best "no-see-um" antenna and satisfy the xyl (most important item as I sleep with

her not the radio<g>)

The question. I have been reading that a good ground in addition to radials is vital for the best working of a long wire.(also a tuner and SWR meter).

So

the question is; Right next to my operating position is a number of wall receptacles that have the 3 pronged receptacle one opening (female part of the receptacle) of which is for the ground pin on the male plug. Can I use this part of a receptacle as a connection to a ground? Thereby satisfying the

required ground.

I hope I have made my question clear. You can post to qrp-l or email direct.

If you choose to mumble that I am a pain in the butt; I agree. I imagine it is the prerogative of age.

Bob..WA2EAW/4

Date: Sun, 25 Feb 2001 19:33:58 EST
From: FrConrad@aol.com
To: qrp-l@lehigh.edu
Subject: [92630] I was lost, but now...?
Message-ID: <a1.11a579b6.27cafe76@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Haaaalp!

I know you aren't supposed to post "start-up" and "disconnect" messages to the list,

however...

I used to be member no. 1501, and I used to get the list. Somewhere in changing servers and being out of the country, I got lost.

Can someone tell me how to reconnect with QRP-L. Direct please to FrConrad@aol.com.

Many thanks,

John+
WB6MFS

Date: Sun, 25 Feb 2001 19:39:49 -0500
From: "Jim Kortge, K8IQY" <jokortge@prodigy.net>
To: cybrinjn@gis.net
Cc: qrp-l@lehigh.edu
Subject: [92631] Re: Manhattan construction pads

Message-ID: <5.0.0.25.1.20010225193521.00a3b6f0@pop.prodigy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 10:52 PM 2/23/01 -0500, you wrote:

>I don't really know what Manhattan Construction is, but it sounds like a
>version of Ugly Construction using "islands" to which parts are soldered.

Indeed it is Paul. However, unlike ugly construction, the parts are right side up, and easier to trouble-shoot and rework if necessary.

>(?) Has anyone tried using sticky copper tape?

Yes, I've used it on a few occasions.

> I was at a buddy's house a
>coupla weeks ago; he does stained glass, and uses an adhesived-backed copper
>foil tape that is wrapped around the edges of the pieces of glass so they
>can be soldered. He gave me a roll of 1/4" tape to try out on my next
>project.

It will work, however, the adhesive backing tends to get soft when the parts are soldered to it, letting the tape slip around. For that reason, I don't use it very often, but have built complete circuits using that method. Give it a try and see what you think. Your tape may be different than the kind I have.

72 and GL,

Jim, K8IQY

Date: Sun, 25 Feb 2001 19:40:58 -0500
From: "Dave Benham" <dodgeboy@mindspring.com>
To: <qrp-l@Lehigh.EDU>
Subject: [92632] Kite antenna support article
Message-ID: <013801c09f8c\$c9f21fe0\$36d079a5@hqa.chrysler.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sometime during the past year or two there was an article in QST or QQ or ?? that described how to build a large kite out of construction materials (Tyvek and 1x2's I think) in order to support a portable antenna. I think

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Found it, thanks to David Porter -- April, 2000.

Thanks.

73,
Dave K8TRF
----- Original Message -----
From: Dave Benham <dodgeboy@mindspring.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Sunday, February 25, 2001 7:40 PM
Subject: Kite antenna support article

> Sometime during the past year or two there was an article in QST or QQ or
> ??
> that described how to build a large kite out of construction materials
> (Tyvek and 1x2's I think) in order to support a portable antenna. I think
> the kite was a sled design and was something like 9 feet across.
>
> Can anyone, much more organized than I, tell me where to find that
article?
> We are making plans for the MI QSO Party which will hopefully be QRP,
> although I have no control over it, just influence (I'm driving!).
>
> Thanks in advance.
>
> Dave K8TRF
>
>
>

Date: Sun, 25 Feb 2001 20:51:29 -0500 (EST)
From: Jim Janack <n2jj@ix.netcom.com>
To: qrp-1@Lehigh.EDU
Subject: [92635] N2JJ ARRL DX TEST CW QRPp Results + D68C
Message-ID: <200102260151.UAA05364@hall.mail.mindspring.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

There has been some interest noted lately for milliwatting reports.

I have posted my QRP logs for the ARRL CW 2001 TEST and the ARRL 10 Meter TEST for those that are interested. They both contain numerous QRPP QSO's as I played with various power levels. I didn't count up my QRPP DXCC totals until after the ARRL DX TEST (79)..so I should have tried boosting the total with some of the contacts. Because of limited time available for the DX contest, my only goals were to work D68C and Japan at milliwatt levels. I got D68C at 200mW and 2 JA's.

The log results are posted at <http://home.netcom.com/~n2jj>

I hope that some of the QRP-L subscribers are listed, especially in the 10M TEST log as I made over 275 QSO's below 1W.

73 es DX,
Jim N2JJ

Date: Sun, 25 Feb 2001 20:54:14 EST
From: n5ib@juno.com
To: qrp-l@Lehigh.edu
Subject: [92636] TMPS - de N5IB
Message-ID: <20010225.195117.7647.3.n5ib@juno.com>

Today was a pretty good TMPS day. Picked up a new state (WZ4L in TN) and some new DX (J37B0)

I'm noticing what Chuck mentioned - a lull in the band just after twilight here.

Worked W5LXG in Conroe TX for the second time, and this time he switched to his K-2 and we played limbo. He was still 549 at 100 mW. This was while I was out on the patio (temps in the 70's) with the GM-30 and the BLT. Skeeters drove me indoors by 0100 Z

72
Jim N5IB
The Mardis Gras Fox

TMPS-2001 from Baton Rouge, LA Jan 11 - Feb 25, 2001
Q's = 63 States = 20 Counties = 44 DX = 11
GM-30 (autographed by NN1G), 2 watts, J-38 straight key
40 m full-wave horizontal loop at 15 ft
LA FL AZ ND SC TX AL IA CO CA WI NM KY GA MO IL OK AR MN TN
DX: K CO XQ1 V31 ZF2 XE HI3 VE FO J37
see the wooden radio at <<http://www.qsl.net/n5ib>>

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 25 Feb 2001 21:12:56 -0500

From: "lyon" <sslyon@megalink.net>

To: <dodgeboy@mindspring.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [92637] Re: Kite antenna support article

Message-ID: <002001c09f99\$a2972140\$5d8798ce@megalink.net>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Greetings, Dave

I was co-author with NE2Q of the article and built/flew the hardware for it.
It was March 2000 QST, and a lot of interest has been shown since, from all
over the world. I'd be glad to assist if you need help -just drop a line.

72

"Seab" Lyon - AA1MY

Bethel, ME 04217 USA

FN40nj

SS LYON

99 Sparrowhawk Mtn Rd

Bethel, Me, 04217

(sslyon@megalink.net)

----- Original Message -----

From: "Dave Benham" <dodgeboy@mindspring.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Sunday, February 25, 2001 7:40 PM

Subject: Kite antenna support article

Date: Sun, 25 Feb 2001 21:41:42 -0500

From: John Wagner <john@neknetwork.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [92638] KAT1 responses - thanks!!!

Message-ID: <3A99C266.47713542@neknetwork.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Thank you for all the responses about the KAT1 internal tuner for the K-1. I'm certain from all of the positive responses that it will exceed my needs. I plan on ordering one ASAP... or ASAIHSSC (as soon as i have some spare cash).

73,

John, KB1ENS

--

John Wagner - john@neknetwork.com

Web page: <http://www.neknetwork.com>

Date: Sun, 25 Feb 2001 21:51:23 -0500

From: John Wagner <john@neknetwork.com>

To: n8var@juno.com

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [92639] Re: FOX: Cub Fox Announcement February 26

Message-ID: <3A99C4AB.9BC39733@neknetwork.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

All right Ron!

OK gang, let's get out there and help Ron bust through the 60 hound barrier for a Fox Cub hunt! Ron is an A-1 op, and he happens to already have one log in the books with 51 hounds - so I'm sure with enough hounds calling he can do it.

The Fox Cub hunt is a GREAT introduction to QRP fox hunting - if you've been putting it off, tomorrow is as good a night as any to give it a (er, take a) shot.

The Fox Cub hunt web page is at: <http://www.qsl.net/k5di/fox/>

73,

John, KB1ENS

Ron D Doyle wrote:

>

> Goal 60 hounds!!
> ...
> 72 de Ron, N8VAR
>
> Ron Doyle
> n8var@arrl.net
> -----
> GET INTERNET ACCESS FROM JUNO!
> Juno offers FREE or PREMIUM Internet access for less!
> Join Juno today! For your FREE software, visit:
> <http://dl.www.juno.com/get/tagj>.

--
John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>

Date: Sun, 25 Feb 2001 19:51:06 -0700 (MST)
From: muglesto@ecentral.com
To: "Karl F. Larsen" <k5di@zianet.com>
Cc: muglesto@ecentral.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [92640] Re: QST on CD and Linux
Message-ID: <Pine.LNX.4.10.10102251944590.5506-1000000@mugleston.mugs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

That would be great as it looks like a straight forward setup. They really have some nice features - as you can split the screen and have the search results on one side and a page view on the oppsite or single screen with the page width taking up the whole screen. I do like the way you move around the page (click and drag any where on the screen).

Wish the search was more indepth but the pages arn't really printed text but pictures - I wonder if ARRL would be interested in some volunteers using a OCR program and making real text out of the screens?

Karl, let me know if there is anything I can do to help the cause (I could send you a case of Jolt to drink 8^)).

de KI00T, Brad

PS I've got a newer one also and I can use adobie to read it.

On Sun, 25 Feb 2001, Karl F. Larsen wrote:

>
> It sounds like a job for perl. I don't have any QST cd-roms but

> might get one and see what's possible. I know ARRL had a lot of trouble
> with the Windows viewer but I think they got that worked out.
>
> On Sat, 24 Feb 2001 mugglesto@ecentral.com wrote:
>
> > Has anyone developed a Linux program that will read the QST's on CD?
> > Older CD's are just Pictures and there is a comma delimited file with the
> > index. I can read the index file and view the pictures but I can't
> > program enough to write a program to do it all together.
> >
> > Thanks
> >
> > de KI00T, Brad
> >
> >
> >
> >
> >
> >
> >
> Yours Truly,
>
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
>
>

Date: Sun, 25 Feb 2001 19:02:41 -0800
From: "Denis Englander" <ko6gf@slip.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [92641] OT: Space Station Viewing
Message-ID: <006001c09fa0\$958cf2c0\$f1507fd8@sirus.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks..

Yes, you can see the International Space Station
with the naked eye.

I just watched it pass over SF, from Northwest to
Southeast...6:39 PST to 6:45PST...

Looks like a bright white object, (not as large as
Jupiter to the naked eye...more like Saturn)...

The station is currently about the size of a 747 jet,
moving about 16,000 Mph. about 230 miles high.

I credit www.kpix.com (SF local Channel 5 TV web) for the info.

<http://beta.kpix.com/news/local/bcn/2001/02/25/BCNEXTRA-Feb25-164412.html>

Stay tuned as this thing grows to be as large as a city block!

72/73 de K06GF - Denis in SF

Date: Sun, 25 Feb 2001 21:59:43 -0500
From: "George Heron N2APB" <n2apb@erols.com>
To: "NJQRP" <NJQRP@njqrp.org>, "QRP-L" <qrp-l@lehigh.edu>
Cc: <sslyon@megalink.net>
Subject: [92642] Re: Kite antenna support article
Message-ID: <008b01c09fa0\$2eb7e000\$16e63ad0@ghlpt4>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Seabury Lyon, AA1MY (sslyon@megalink.net) has been one of the high-flying supporters of kites and how to use them with ham radio. He showed (and flew!) his prototypes at Atlanticon QRP Forum last year, and we're hoping that he'll do the same this year too.

Seab gave us the article, technical drawings, and photos for his sled kit design so we could post the project on the NJQRP website so everyone could see. See <http://www.njqrp.org/mbrproj/kite/kites.html> for this great homebrew project.

Thanks Seab!

73, George N2APB
n2apb@amsat.org

=====
Sometime during the past year or two there was an article in QST or QQ or ?? that described how to build a large kite

Date: Sun, 25 Feb 2001 19:59:05 -0700 (MST)
From: mugglesto@ecentral.com
To: Russ Dow <n7dw@pacbell.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [92643] Re: BNC connectors for RG174?
Message-ID: <Pine.LNX.4.10.10102251958180.5506-1000000@mugleston.mugs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

RadioShack.com has (had) them in stock awhile ago, I purchased some but haven't used them yet.

de KI00T, Brad

On Sat, 24 Feb 2001, Russ Dow wrote:

> Hi gang,
>
> I want to make a lightweight field dipole with #22 teflon coated wire
> and RG174 coax. I'd like to put a BNC on the rig end of the RG174.
>
> Anybody know where I can find a BNC connector made for RG174? Either
> mail/web order, or walk-in stores in Southern California? (Already
> tried Radio Shack, of course.)
>
> Or -- any alternative solutions, Rube Goldberg lash-ups, etc.? I've
> thought of a couple, but it would be fun to see what else this list
> comes up with. ;-)
>
> Thanks, and 73
> Russ N7DW
>
>
>

Date: Sun, 25 Feb 2001 20:04:20 -0700 (MST)
From: mugglesto@ecentral.com
To: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [92644] Re: QRP Banquet door prize solicitation
Message-ID: <Pine.LNX.4.10.10102252000130.5506-1000000@mugleston.mugs.net>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

What only 4 years and your quitting????

I just completed my 6th year as chairman (but I do get a lot of help from the group) for the Colorado QRP Club annual dinner and fun time.

This years was great even though I didn't get the grand prize, again. I really thought I had it rigged this time but no joy.

Good luck on the prizes, the pickins were a little thin this year which reminds me.

If you belong to a club and you purchase radio related stuff - let them know what club(s) you belong to when you make that order. The more they hear of your club the more likely they are to support it in times of need.

Thanks

de KI00T, Brad

On Sun, 25 Feb 2001, Scott Rosenfeld [N7JI] wrote:

>
> As banquet chairman (4th and final year) it's one of my duties to obtain
> an array of really cool door prizes for attendees.

Date: Sun, 25 Feb 2001 22:11:49 -0500
From: "Chris" <w4yyz@tampabay.rr.com>
To: <ko6gf@slip.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [92645] Re: Space Station Viewing
Message-ID: <002c01c09fa1\$dc1c3100\$414d2041@blitzk>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You can see MANY satelllites with the naked eye!

16,000mph is a bit off... it's currently going 17,175mph

<http://spaceflight.nasa.gov/realdata/sightings/index.html>

> Folks..
>
> Yes, you can see the International Space Station
> with the naked eye.
>
> I just watched it pass over SF, from Northwest to
> Southeast...6:39 PST to 6:45PST...
>
> Looks like a bright white object, (not as large as
> Jupiter to the naked eye...more like Saturn)...
>
> The station is currently about the size of a 747 jet,
> moving about 16,000 Mph. about 230 miles high.
>
> I credit www.kpix.com (SF local Channel 5 TV web) for the info.
>
> <http://beta.kpix.com/news/local/bcn/2001/02/25/BCNEXTRA-Feb25-164412.html>
>
> Stay tuned as this thing grows to be as large as a city block!
>
> 72/73 de K06GF - Denis in SF
>
>

Date: Sun, 25 Feb 2001 22:14:16 -0500
From: "George Heron N2APB" <n2apb@erols.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [92646] Re: warbler mess up
Message-ID: <00c401c09fa2\$34f36aa0\$16e63ad0@ghlpt4>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

No problem Mark, I'll put another 2N4401 in the mail to you tomorrow morning. Gotta get you warblin'!

73, George N2APB
n2apb@amsat.org

=====

I messed up a 2n4401, radio shack did not have one ...

Date: Sun, 25 Feb 2001 20:14:40 -0700 (MST)
From: mugglesto@ecentral.com
To: Dragon Singer <dragonsinger@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [92647] Re: QST cd's and Linux
Message-ID: <Pine.LNX.4.10.10102252005070.5506-100000@mugleston.mugs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have no problem seeing the CD's information in Linux but the search function is what I need help in. The older CD's are just pictures not real words so you need the index to find what you want and to tell you which CD to look on (there are 4 CD's for each of the 10 year packs).

Thanks,

de KI00T, Brad

BTW, StarOffice does a great job a viewing the pages, just no search.

On Sun, 25 Feb 2001, Dragon Singer wrote:

> Hi,
> You might want to try using StarOffice 5.2 for Linux to see if you
> can view the QST cd's. StarOffice is a Free cross platform Office suite
> comparable (I think better) than Mickey\$oft's Office 2000.
> If I'm off track I apologize in advance.
> 73
> de
> Wayne AB9BM (for now)
>
> Yours very Sincerely and Respectfully
>
> Wayne M. Scace
> &
> Leader Dog Sequoia
>
> dragonsinger@earthlink.net
> ICQ#315313
> Amateur Callsign AB9BM

> FISTS#4409 QRP-L #2313
> FPQRP#217
>
>

Date: Sun, 25 Feb 2001 22:30:14 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>
Cc: ")W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [92648] Help!--lost 68 e-mails ; ^(
Message-ID: <200102252230_MC2-C6C9-14BB@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
 charset=ISO-8859-1
Content-Disposition: inline

Gang:

Just lost 68 e-mails. The laptop was downloading that number, but crashed before it was complete. Now none can be found. Anyway--if you sent *me* some e-mail this afternoon/evening, please send it again. Thanks, and sorry for the confusion.

72,
--Doc/K0EVZ

Date: Sun, 25 Feb 2001 19:40:01 -0800
From: "John Moriarity" <k6qq@hdo.net>
To: <phil@vaxxine.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [92649] Re: Holy Crow! 4Q2LID -- 2nd call!
Message-ID: <00b901c09fa5\$cd5cb8c0\$da414cd1@johnmori>

> >4Q2LID is on 10.105.3, listening 10.108+ at 0538. I heard the
> >big pile-up earlier while working on a project, but could
> >not find him. This is propagation focusing for sure. I found
> >
>
> QSL via F00LU

Isn't he also the manager for IM4U ??

72,

John, K6QQ

Date: Sun, 25 Feb 2001 23:06:20 -0500
From: "Phil (VA3UX)" <phil@vaxxine.com>
To: k6qq@hdo.net
Cc: qrp-1@Lehigh.EDU
Subject: [92650] Re: Holy Crow! 4Q2LID -- 2nd call!
Message-ID: <3.0.5.32.20010225230620.007a75f0@vaxxine.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 07:40 PM 2/25/2001 -0800, you wrote:

>> >4Q2LID is on 10.105.3, listening 10.108+ at 0538. I heard the
>> >big pile-up earlier while working on a project, but could
>> >not find him. This is propagation focusing for sure. I found
>> >
>>
>> QSL via F00LU
>
>Isn't he also the manager for IM4U ??
>

Yea, that's him. I think he was handling tr1ck as well.

Phil
>72,
>
>John, K6QQ
>
>
>
>

Date: Sun, 25 Feb 2001 22:13:02 -0600
From: Dragon Singer <dragonsinger@earthlink.net>
To: qrp-1@Lehigh.EDU
Subject: [92651] Re: FWD: Fw: Int'l. Criminal Court Legislation (fwd)

Message-ID: <5.0.2.1.0.20010225220105.02ee7418@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hey Gang,

Can you do me a favour and drop the infighting? That's what the opposing forces to Ham Radio want. Don't give in to them! From all that I've been able to gather since before I became a Ham, I was told and taught that we are a fraternity, not a bunch of infighting idiots as most "chatters" on the internet are.

PEACE

73

de AB9BM

Yours very Sincerely and Respectfully

Wayne M. Scace

&

Leader Dog Sequoia

dragonsinger@earthlink.net

ICQ#315313

Amateur Callsign AB9BM

FISTS#4409 QRP-L #2313

FPQRP#217

Date: Sun, 25 Feb 2001 21:19:54 -0700
From: Mike Zabel <mikezabel@qwest.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [92652] Rig Repairs-Steve Weber
Message-ID: <3A99D96A.C881F137@qwest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello,

A while back I saw a post about a Steve Weber in NH who does repairs on QRP Kits. Does anyone have an e-mail address for him? I have a RH-20 with low TX out and audio screeching after each keystroke.

I'm ready to ship her for repairs. Can anyone help me contact Steve. I hear he does wonderful work!

Thanks,

Mike Zabel - KC5U0J

Date: Sun, 25 Feb 2001 22:48:30 -0600
From: MIKE SOUHRADA <wb9iog@revealed.net>
To: ko6gf@slip.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [92653] Re: OT: Space Station Viewing
Message-ID: <3A99E01E.2620DDD@revealed.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Denis Englander wrote:

>
> Folks..
>
> Yes, you can see the International Space Station
> with the naked eye.

Guys a better site is <http://www.heavens-above.com>
Will compute from your lat/long and also provide much data on
ham sat's.
I use it all the time.
Mike
Iowa

Date: Sun, 25 Feb 2001 22:48:20 -0600
From: david gauding <david.gauding@bbs.galilei.com>
To: qrp-L@lehigh.edu
Subject: [92654] Re: Holy Crow! 4Q2LID - (ENUF)
Message-ID: <5.0.2.1.0.20010225221648.0245eea0@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

OM's,

Suggesting we give the 4Q2LID thread and the original poster a rest!

I'm not sure if it's a bum call or not but I did work a "slim" once when
getting a new one meant a lot to me. Clutching the card in my fingertips
meant even more.

I sent my card off smugly thinking FB8XF was safely in the log on 15M. I
was probably running about 50W with my trusty attic doublet. Kerguelen Is.
(a little north of Heard Is.) was a French scientific station and a long

way off. We had a pleasant if brief exchange while others stood in line. And, the fellow even had a French QSL manager.

Anyway, off went my card and green stamp (or maybe it was IRC's) and I started the novena. A few months later my card came back. It included that dreaded note from the QSL manager stating I was "not in the log". And, in brackets, "slim".

About all you can do at that moment is the slow burn. Unlike the 4Q2LID posting it was a private moment, mainly because there was no internet or QRP-L.

Anyway this is my take on the 4Q2LID situation. At this point I hope it just goes away to be replaced with a useful radio topic. And, who knows? Maybe it's a good call after all.

Regards,

de Dave, NF0R nf0r@slacc.com

Date: Sun, 25 Feb 2001 21:39:40 -0700
From: "Ron, KU7Y" <ku7y@qsl.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [92655] Going to Tucson
Message-ID: <001401c09fae\$68875780\$64c6a9d8@com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7bit

Hi All,

We will be spending a few weeks in the Tucson area and would like to visit with anyone there. It looks like we will stay in Benson or thereabouts.

If there is anyone that would like to get together for a cup of coffee let me know.

Email will be spotty after Wednesday but will be OK again after getting to the Tucson area.

Thanks for the BW.

73,

cul, Ron KU7Y

Full time RVing somewhere in the West!

(Currently near Quartzsite, AZ)

A Proud AZScQRPion

If guns cause crime then pencils cause misspelled words.

Date: Sun, 25 Feb 2001 23:17:50 -0600 (CST)

From: "Adrian Weiss" <aweiss@usd.edu>

To: K2UD@aol.com

Cc: qrp-1@lehigh.edu

Subject: [92656] Re: Holy Crow! 4Q2LID -- 2nd call!

Message-ID: <Pine.SOL.4.03.10102252316330.11164-100000@sunburst.usd.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Howard: geesh! am I dumb! It was "call first
and ask questions later." It did look dumb writing
that LID part into the log.

In case anyone is interested, I have a QSL from RG8U. You
mean that one's phony too? :)

72, Ade

On Sun, 25 Feb 2001 K2UD@aol.com wrote:

> Subject: Re: Holy Crow! 4Q2LID -- 2nd call!

>

> Ade,

>

> That shifting wave of ionization may have brought RG8U into the log book

> next, or perhaps 6L6GT. As it is not April 1st yet, I might question the

> valadity of that callsign!

>

> 72

>

> Howard Kraus, K9DOG, er,, K2UD

>

Date: Sun, 25 Feb 2001 23:20:59 -0600
From: david gauding <david.gauding@bbs.galilei.com>
To: qrp-L@lehigh.edu
Cc: DonaldMeyerhoff@aol.com
Subject: [92657] Re: Holy Crow! 4Q2LID - (ENUF)
Message-ID: <5.0.2.1.0.20010225230736.02465b90@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

DR OM,

First, congratulations on the /AG. Gotta' feel good!

I'm not a serious DXer these days. But, recalling tonight that DX stations will usually announce a QSL manager if they have one. Especially if the DX is running stations on a frequency for an extended period. Alternatively, you may be advised to QSL via the traditional DX bureau or perhaps direct.

You can find out the names of QSL managers (and some addresses) from various DX locations on the internet. Apologies, but I don't have any URL's at my fingertips as this reply is typed. Ask the question directly on QRP-L and I'm sure you will get several current and well-informed responses.

I used to find QSL managers in columns in World Radio, CQ, QST et al. The active DX stations were generally posted each month. I'm sure they are still available there today. DX newsgroups would surely be another source.

Hope this helps or at least gets you started in the right direction.

73 es DX! <g>

de Dave, NF0R nf0r@slacc.com

At 12:06 AM 2/26/01 -0500, you wrote:

>This might be a stupid question. But here it goes anyway. How do you find
>out a contacts QSL manager?

>

>Tnx

>KE6DDG / AG (finally)

>

>

Date: Sun, 25 Feb 2001 21:30:53 -0800
From: Patrick Armstrong <aa7fg@gte.net>
To: qrp-l@Lehigh.EDU
Subject: [92658] OT: QRP antenna traps...
Message-ID: <3A99EA0D.E146315B@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello to all,

Does anyone know where I could procure information on constructing a low power antenna trap(s) to make my 80M dipole happy on 40M also? My antenna is hung from the back of the house and runs to the back fence and looks like a V beam pointed east... Works OK on the fundamental band

is was designed for (80M) and also on 30M, but not to hot on 40M... I feed it with RG-213 into an LDG Z-11 tuner. The LDG will tune 40M, but I

know that it is not working to well there. I thought of putting traps in line to achieve resonance on 40M and improve things... Any ideas? Does anyone offer a commercial trap that will work? I would prefer to make some stealth traps to keep the antenna as invisible as I can... Any and all help would be appreciated as I really miss 40M CW... Appreciate the assistance and sorry for the bandwidth...

Pat, AA7FG - Oregon...
TT Argosy (analog) @5W

Date: Mon, 26 Feb 2001 12:42:05 +0700
From: "Donny Sirait" <dsirait@centrin.net.id>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [92659] Help needed TC5070P to repair TS130
Message-ID: <001901c09fb6\$e3145a40\$d5f192ca@donnysirait>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dear Friends,

It has been a hard time for me to find the final component to heal my very sick TS130 a Toshiba IC TC5070P
I have tried google and end to Dial Electronics in UK but then the website mentioned the components has to ordered via a US vendor so I decide to try the list.
Can anybody point me to a supplier?

Thank you for reading.

vy 72 de YB1B0D
Donny Sirait
Bekasi Indonesia

PS. has tried several online supplier in the US such as Mouser, Digikey etc.
with
no success

Date: Mon, 26 Feb 2001 11:00:23
From: "Leon Heller" <leon_heller@hotmail.com>
To: edkess@epix.net, qrp-1@Lehigh.EDU
Subject: [92660] Re: Any 6 Meter Receiver Schematics?
Message-ID: <F265kRkXvwSpJMDs15I0000e0fb@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>
>Good evening,
>
>Does anyone know where plans for a 6 meter receiver / transceiver can be
>found. Solid State Design includes a transmitter, but no receiver.
>
>Dreaming up another project!

I'm working on one. Something very simple to start with, an NE602 mixer/osc. and TDA7052 AF amp. Osc. will use a 51.50 MHz xtal, to put it on the UK 6m centre of activity. The same oscillator will be used for a simple DSB Tx.

Later, I'll be using an AD813 mixer, for better performance, with a synthesised osc.

I'll put the details of the simple Rx on my web site when I get it working, and post a msg. here.

73, Leon

--

Leon Heller, G1HSM Tel: (work): +44 1327 357824 (home): +44 1327 359058
Email:leon_heller@hotmail.com My web page:
http://www.geocities.com/leon_heller IRISYS Ltd: <http://www.irisys.co.uk>

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Date: Mon, 26 Feb 2001 06:28:49 -0500
From: Dan Wolfe <n4roa@mounet.com>
To: qrp-1@Lehigh.EDU
Subject: [92661] Fox----Final Run
Message-ID: <3A9A3DF1.6B71@mounet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Howdy Again Hounds,

My last stint as the Cub Fox is coming up this Wednesday, February 28, 2001. Thats March 1st from 0200 to 0400Z. Look for me around 7141 +/-.. Come one, come all..I have plenty of pelts left.

Exchange will be the usual format.(RST, SPC, Name, Power.) Try to call off frequency if you can, preferably up. I may not send your call at the end of exchange, so please listen, listen.

It has been much fun for me to serve as a Cub Fox this time around. Hopefully, this event will encourage some slower hounds to participate in the hunts. Maybe some of them will come forward and serve as the Fox. Thanks very much for letting me serve as the Cub Fox. See you Wednesday evening at 9 PM local.

72/73..Dan, N4ROA

Date: Mon, 26 Feb 2001 07:04:01 -0500
From: "Christopher Cox" <cobox@urec.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [92662] Fw: [DSP-RADIO] 1296 QRP EME
Message-ID: <200102260656218.SM00091@CBX-NT>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Saw this on the DSP reflector and thought it would interest this group.
I think it works out to be 95,541 miles per watt.

Regards

Christopher Cox

> Subject: [DSP-RADIO] 1296 QRP EME
> Date: Sunday, February 25, 2001 10:15 PM
>
> Bob Larkin <boblark@proaxis.com>
> Hi to all,
>
> Congratulations go to W7LHL and W7SZ for their successful 5-Watt QRP 1296
> Mhz EME QSO! This was using the PUA43 mode with their DSP-10 transceivers
> and transverters. The antennas were 10 and 12 foot TVRO type of dishes.
>
> Details are available at
> <http://www.proaxis.com/~boblark/dsp10.htm>
> Look near the top of the web page.
>
> An excellent accomplishment Ernie and Larry!
>
> 73,
>
> Bob W7PUA
>
> dsp-radio
> -----
>
> To leave DSP-RADIO , send <mailto:majordomo@qth.net>
> with the BODY of the message containing:
>
> unsubscribe dsp-radio

Date: Mon, 26 Feb 2001 04:58:16 -0600

From: Earl Murphy <earlmurf@telusplanet.net>
To: QRP-CANADA <qrp-canada@lists.gpfn.sk.ca>, QRP-L <qrp-l@lehigh.edu>
Subject: [92663] SPECIAL QRPp BEACON (VA6RF/B)
Message-ID: <3A9A36C8.8A2C849@telusplanet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang:

Thanks for dropping by.....HOW MANY of you, keen hearing QRPers, can deliver a message to my dear friend Bruce (VE5RC), via email ? Bruce is being hospitalized and waiting to undergo heart surgery later in the week.

Bruce does not have an HF radio in the hospital, but he does have his laptop, and receives email.

So, if your keen enough to hear my Beacon ... 01:00Z to 01:30Z

Tuesday, Wednesday, Thursday....7.040.9 Mhz... Kindly send my message to Bruce (VE5RC).....email: Rattray@gpfn.sk.ca.....

I'll be missing my partner's signal in the Fox Hunts for sure.....

Thanks Gang.....72.....Earl (VA6RF)

Date: Mon, 26 Feb 2001 07:11:15 -0500
From: John R Kirby <n3aaz-qrp@juno.com>
To: wb2vuo@juno.com, qrp-l@Lehigh.EDU
Subject: [92664] Re: PSK-31 for the Blind
Message-ID: <20010226.071230.-160287.1.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

>Moreover, how can one set up the tuning to
>be useable WITHOUT visual cues such as the waterfall display or tuning
>eye?

May be this will help . . .

DigiPan has a feature (Macro) called, *SEEK* right (F12) or left (F11) that when pressed will tune to the next signal on the waterfall display.

John
N3AAZ

FM 19 xa

Date: Mon, 26 Feb 2001 07:35:06 -0500
From: "Mike Czuhajewski" <wa8mcq@erols.com>
To: <qrp-l@lehigh.edu>
Cc: <wa8mcq@erols.com>
Subject: [92665] Last call, QRP Hall of Fame 2001
Message-ID: <001901c09ff0\$8d769460\$8934fea9@l8a3h1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just a reminder that the deadline for submitting nominations to me for possible induction into the QRP Hall of Fame for 2001 is the end of February, and that's getting very close. If you do submit one, you must receive an acknowledgement from me within a day or two. If not, it means that I did not receive it; please send it again. If anyone has sent one and not received an acknowledgement already, please let me know immediately. I'd hate to see anyone denied a chance at possible induction because a nominating mail got lost along the way.

As usual, inductees (if any) will be notified privately shortly after the voting is complete, and they will be announced publicly at QRP Dayton.

73 and queue our pea DE WA8MCQ

>

Date: Mon, 26 Feb 2001 07:42:30 -0500
From: "Mike Czuhajewski" <wa8mcq@erols.com>
To: <qrp-l@lehigh.edu>
Cc: <wa8mcq@erols.com>
Subject: [92666] More filter design software
Message-ID: <002101c09ff1\$95a18860\$8934fea9@l8a3h1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I sent this a few times, starting over a week ago, and it never appeared. My ISP finally pointed out to me that I was sending it to lehigh.org instead of

lehigh.edu; somehow my addressbook had gotten changed. Oh well.... This was in response to a thread about filter design software.

I agree with Laura [Halliday]--I really enjoy the GPLA analysis program that Wes Hayward wrote. It's a holdover from the DOS days, not a Windows program, but does a great job and is fun to play with various filter designs, and tweak values and see the change in response.

Here's some more filter design software, which I uploaded to the QRP-L server years ago with the permission of the author. It's by Bob Lombardi, WB4EHS. He calls it Filter Design System or FDS. I still use the original version the most, although he came out with a couple updates later. All three are on the QRP-L file archives at lehigh.edu, under the "tools" section. The file names are FDS124.zip, FDS200A.zip and FDS201.zip. (Ignore the short .txt file.) These are for versions 1.24, 2.0 and 2.01. The files are small; even FDS201 is well under 200K in the ZIP form. They're all DOS based, but still quite useful. BTW, these are freeware, not shareware. Enjoy.

73 and queue our pea DE WA8MCQ

Date: Mon, 26 Feb 2001 05:48:13 -0700
From: Mike Zabel <mikezabel@qwest.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [92667] Rig Repairs-Steve Weber
Message-ID: <3A9A508D.C07AC32F@qwest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks for the help on Steve's address. I sent him an e-mail asking if he has time to take on my repair.

You guys are great!

73 - Mike Zabel - KC5U0J

Date: Mon, 26 Feb 2001 07:57:44 -0500
From: "Mike Czuhajewski" <wa8mcq@erols.com>
To: <qrp-l@lehigh.edu>
Cc: <wa8mcq@erols.com>
Subject: [92668] Members of the QRP Hall of Fame

Message-ID: <004d01c09ff3\$b664c2e0\$8934fea9@l8a3h1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It just occurred to me that I should have included a list of the current HoF members in that last-call post; it might keep someone from writing an unnecessary nomination letter in a last minute panic :-)

The following, in alphabetical order, have been inducted into the QRP HoF in the years indicated:

Chuck Adams, K7QO 1998
Brice Anderson, W9PNE 1996
Dave Benson, NN1G 1999
Michael Bryce, WB8VGE 2000
Wayne Burdick, N6KR 1998
George Burt, GM30XX 1996
Jim Cates, WA6GER 1998
L. B. Cebik, W4RNL 1999
Mike Czuhajewski, WA8MCQ 1997
Tom Davis, K8IF 1996
Doug DeMaw, W1FB (silent key) 1992
Rev. George Dobbs, G3RJV 1992
Joe Everhart, N2CX 2000
Paul Harden, NA5N 1999
Wes Hayward, W7ZOI 1996
Doug Hendricks, KI6DS 1997
Roy Lewallen, W7EL 1992
Rich Littlefield, K1BQT 1996
Dick Pascoe, G0BPS 1997
Randy Rand, AA2U 1992
C. F. Rockey, W9SCH 1996
Gus Taylor, G8PG 1998
Adrian Weiss, W0RSP 1996

73 and queue our pea DE WA8MCQ, administrator of the QRP Hall of Fame program for the QRP ARCI

Date: Mon, 26 Feb 2001 08:35:11 -0500
From: John AE5X <ae5x@juno.com>
To: qrp-l@lehigh.edu
Subject: [92669] QSL route for 5A1A?
Message-ID: <20010226.083512.4302.0.ae5x@juno.com>

My logging program lists WF5E as QSL manager for 5A1A but I can find no confirmation for this at any of the DX-oriented web sites. Does anyone the skinny on getting a QSL from this station? I don't think the US has mail exchange with Libya and the ARRL QSL bureau doesn't forward cards to Libya. He is quite active on 10m - has anyone gotten a card from him (Abu)?

John Harper AE5X
HW-9, OHR-100A/20, NC40A, SST30, SST40, DSW20, K1-20m/30m
Outdoor QRP: <http://www.qsl.net/ae5x>

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 26 Feb 2001 07:39:02 -0600
From: Paul Dryer <psdryer@ticnet.com>
To: earlmurf@telusplanet.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [92670] Re: SPECIAL QRPp BEACON (VA6RF/B)
Message-ID: <3A9A5C76.7130F1C4@ticnet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Very cool, Karl! I'll be listening!
Paul
kd5ivp

Earl Murphy wrote:

> Gang:
> Thanks for dropping by.....HOW MANY of you, keen hearing QRPers, can
> deliver a message to my dear friend Bruce (VE5RC), via email ? Bruce is
> being hospitalized and waiting to undergo heart surgery later in the
> week.
> Bruce does not have an HF radio in the hospital, but he does have his
> laptop, and receives email.
> So, if your keen enough to hear my Beacon ... 01:00Z to 01:30Z
> Tuesday, Wednesday, Thursday....7.040.9 Mhz... Kindly send my meassage
> to Bruce (VE5RC).....email: Rattray@gpfn.sk.ca.....
>
> I'll be missing my partner's signal in the Fox Hunts for sure.....

>
> Thanks Gang.....72.....Earl (VA6RF)

Date: Mon, 26 Feb 2001 07:18:17 -0700
From: "al dawkins" <alk0frp@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [92671] W0CQC results K0FRP
Message-ID: <003901c09ffe\$f7023340\$0300a8c0@home>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Single op- multi band
Well I don't know if running two xtmr's were good or bad. Apologies to N4S0,
N3LAZ and K7LOW. I had an incomplete report on my first laptop running NA.
It did not have the name and Number. I had callers on both 20 and 10m the
first few minutes all at the same time. Plus my log re-vamp to include name
did not work The first few minutes of the contest was a mess. It would not
allow a name in that field. Guess I need to get to NA and see if I could
increase it by one field somehow. So I had to paper log real quick. Both
laptops still called CQ and did reports. Only had a few answers at the same
time after the 2200 to 2210Z rush. One band in each ear was a challenge. I
ran 20/10 then 20/15 40 /20 and 40/80.
The TS850 was on 20 and 40 the TS120 was on 10/15/80.
160m 2 , 80m 6 (SD, CO, MI, NM)
40m 56, 20m 45, 15m 28, 10m 8.
Total of 78 spc's
Thanks to Cam HP1AC whom I worked twice on 20 and 15m. Also AL7JK who heard
me off the back of the tribander.
No record but the wrong dates did not help.
Last Year I did 181 Q's at 1.5 mill points
Have to see who worked me the most time outside of Colorado. Rich W0 HEP
worked all bands 160-10m. but he is less than a mile away.
Just tried to keep RF going with CQC riding along.
Hope you all had fun.
Al K0FRP

Date: Mon, 26 Feb 2001 08:29:39 -0600
From: Pat Cain <pcain@onvoymail.com>
To: ae5x@juno.com

Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [92672] Re: QSL route for 5A1A?
Message-ID: <4.2.0.58.20010226082556.00956840@ruby.autosim.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"; format=flowed
Content-Transfer-Encoding: quoted-printable

You can get cards for 5A1A through the WF5E QSL service. See=20
<http://www.qsl.net/wf5e/> for more information.

73,
Pat K=D8PC

At 08:35 AM 2/26/01 -0500, John AE5X wrote:

>My logging program lists WF5E as QSL manager for 5A1A but I can find no
>confirmation for this at any of the DX-oriented web sites. Does anyone
>the skinny on getting a QSL from this station? I don't think the US has
>mail exchange with Libya and the ARRL QSL bureau doesn't forward cards to
>Libya. He is quite active on 10m - has anyone gotten a card from him
>(Abu)?
>

>John Harper AE5X
>HW-9, OHR-100A/20, NC40A, SST30, SST40, DSW20, K1-20m/30m
>Outdoor QRP: <http://www.qsl.net/ae5x>

Date: Mon, 26 Feb 2001 08:35:02 -0600
From: Pat Cain <pcain@onvoymail.com>
To: ae5x@juno.com
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [92673] Re: QSL route for 5A1A?
Message-ID: <4.2.0.58.20010226083226.026047c0@ruby.autosim.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"; format=flowed
Content-Transfer-Encoding: quoted-printable

I think I spoke too soon. I see a section on the WF5E web site that now=20
says 5A1A does not use the service. I got my 5A1A card through WF5E in the=
=20
past but I guess that doesn't work any more. Sorry for the misinformation.

73,
Pat K=D8PC

At 08:29 AM 2/26/01 -0600, Pat Cain wrote:

>You can get cards for 5A1A through the WF5E QSL service. See=20

><http://www.qsl.net/wf5e/> for more information.
>
>73,
>Pat K=D8PC
>
>At 08:35 AM 2/26/01 -0500, John AE5X wrote:
>>My logging program lists WF5E as QSL manager for 5A1A but I can find no
>>confirmation for this at any of the DX-oriented web sites. Does anyone
>>the skinny on getting a QSL from this station? I don't think the US has
>>mail exchange with Libya and the ARRL QSL bureau doesn't forward cards to
>>Libya. He is quite active on 10m - has anyone gotten a card from him
>>(Abu)?
>>
>>John Harper AE5X
>>HW-9, OHR-100A/20, NC40A, SST30, SST40, DSW20, K1-20m/30m
>>Outdoor QRP: <http://www.qsl.net/ae5x>

Date: Mon, 26 Feb 2001 09:18:21 -0600
From: "Chuck Carpenter" <w5usj@globeco.net>
To: qrp-1@Lehigh.EDU
Subject: [92674] Cutting Paper Phenolic PCB
Message-ID: <3.0.2.32.20010226091821.007e15b0@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

QRP-Lers,

Using the paper phenolic PCB such as that supplied by RS can be a problem when you try to cut it.

If you shear it when is cold, it most certainly will shatter and not cut cleanly. You can heat it and soften the substrate but that's not practicle in most cases.

I have limited tools to do fabrication in my workshop so I use a crude but effective procedure I've used for many years.

By scoring through the copper and into the phenolic on both sides, you can make a clean break at the scored line. I've made pieces as small as .25 x 1 inch doing it this way. Make them an inch wide first then do the .25 strips.

I use a mechanics scribe and a blade from a combination square clamped to the PCB to do the scoring. (Or clamped down to a work surface like a piece

of plywood.) This causes a raised edge of copper but a small smooth file will take care of that. A tool could be made from an old hacksaw blade. Grind it down without over heating it to a thickness of something like .010 inch. Shape the end so that it has a chisle-like cutting edge. This would remove the copper when you score it rather than roll it out of the way.=20

For making small pads, make strips about .5 cm wide and as long as your PCB. Then snip off lengths as needed. You can use side cutters but end cutters would work better as the blades cut parallel to each other.

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275
RARA #3, NETXQRP =96 <http://www.angelfire.com/tx4/netxqrpclub/>
[TMPS] Qs - 62, States - 25, DX -16, 3W to HF9V (or W9INN Inv V)

Date: Mon, 26 Feb 2001 10:22:10 -0500 (EST)
From: "John L. Sielke" <w2agn@pobox.com>
To: Pat Cain <pcain@onvoymail.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [92675] Re: QSL route for 5A1A?
Message-ID: <XFMail.010226102210.w2agn@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

5A1A is listed as one of the stations that WF5E does NOT handle. Check bottom right side listing on his home page.

John W2AGN

On 26-Feb-01 Pat Cain wrote:
> You can get cards for 5A1A through the WF5E QSL service. See
> <http://www.qsl.net/wf5e/> for more information.
>
> 73,
> Pat KXPC
>

Date: Mon, 26 Feb 2001 15:26:16
From: "Leon Heller" <leon_heller@hotmail.com>
To: w5usj@globeco.net, qrp-l@Lehigh.EDU
Subject: [92676] Re: Cutting Paper Phenolic PCB

Message-ID: <F74feSdifAWxIdq4DSU0001d52a@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

>QRP-Lers,

>

>Using the paper phenolic PCB such as that supplied by RS can be a problem
>when you try to cut it.

>

>If you shear it when is cold, it most certainly will shatter and not cut
>cleanly. You can heat it and soften the substrate but that's not practice
>in most cases.

>

>I have limited tools to do fabrication in my workshop so I use a crude but
>effective procedure I've used for many years.

>

>By scoring through the copper and into the phenolic on both sides, you can
>make a clean break at the scored line

I've been doing it this way for years, also. I just use a Stanley knife and
straight edge. A scribe works just as well, and is safer. It also works
with FR4 material, but you need more pressure.

73, Leon

--

Leon Heller, G1HSM Tel: (work): +44 1327 357824 (home): +44 1327 359058

Email:leon_heller@hotmail.com My web page:

http://www.geocities.com/leon_heller IRISYS Ltd: <http://www.irisys.co.uk>

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Date: Mon, 26 Feb 2001 09:24:53 -0600

From: "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>

To: "'wb8rcr@arrl.net'" <wb8rcr@arrl.net>, Low Power Amateur Radio Discussion
<qrp-l@lehigh.edu>

Subject: [92677] BNC or RCA connectors for RG174?

Message-ID:

<E78D8A9D6762D411B5440008C791D4AA0130343E@dfwex03.allegiancetelecom.com>

MIME-Version: 1.0
Content-Type: text/plain

There's a lot of misguided information out there about using RCA phono connectors for r.f. applications, and John's comment(s) are part of them.

In several articles published in 73 magazine in the late-60's to mid-70's, K1CLL, Bill Hoisington (as I recall his name) described several VHF and UHF transmitter/receiver projects that used RCA phono plugs and jacks and did **not** even specify they be ceramic dielectric!

I do agree with John that a ceramic dielectric in an RCA phono socket or plug is ideal. So did Collins Radio Company when they connectorized the KWM-1 and KWM-2 series of HF transceivers! Yup! The RF output (as well as VFO and injection connectors) of this 110-watt rig was via a ceramic dielectric RCA phono connector! They worked reliably for many years in the field, especially in "transportable" applications.

Don't be afraid to use RCA phono sockets and plugs; beware, however, of the "cheapies" made in China, Korea and Taiwan!

Karl K - W8TIF
McKinney, Texas

> -----Original Message-----
> From: John J. McDonough [SMTP:wb8rcr@arrl.net]
> Sent: Sunday, February 25, 2001 8:24 AM
> To: Low Power Amateur Radio Discussion
> Subject: Re: BNC connectors for RG174?
>
> Yeow - RCA connectors - evil
>
> I used RCA connectors for a long time. As Paul mentions, they are easy to
> find and a lot easier than BNC's to work with.
>
> BUT - RCA connectors are intended for audio. As a result, they are lossy
> at
> RF. Probably not much of an issue at 80 meters, but I'd be concerned on
> 20.
> There are nice ceramic ones available which are very hard to find and less
> lossy, but they are very fragile - hardly what you want for field work.
> <snip>

Date: Mon, 26 Feb 2001 10:34:02 -0500
From: "Lau, Zack, W1VT" <z1au@arrl.org>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>

Subject: [92678] Re: SWR from outside looking in - significant
Message-ID: <125490A005E3D3118C9C00805FC743CC016B9D23@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Yes, you can use an SWR analyzer--page 61 of SSD recommends a useful technique.
Walter, W50LY described an interesting technique using a spectrum analyzer and directional coupler that could be used to measure the impedance of a class C amp at full power output (MS22). 11/91 QST.--Zack W1VT

Date: Mon, 26 Feb 2001 08:46:58 -0700
From: "bob baxter" <rbaxter@cybertrails.com>
To: <n3aaz-qrp@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [92679] Re: PSK-31 for the Blind
Message-ID: <00d501c0a00b\$5d8733c0\$1e142aa2@bobbaxte>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Subject: Re: PSK-31 for the Blind

> DigiPan has a feature (Macro) called, *SEEK* right (F12) or left (F11)
> that
> when pressed will tune to the next signal on the waterfall display.

You can also do this with the "right" and "left" arrows.
Bob Baxter AA7EQ
Bisbee, Az.

Date: Mon, 26 Feb 2001 09:49:37 -0600
From: "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
To: "'aa7fg@gte.net'" <aa7fg@gte.net>, Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [92680] RE: QRP antenna traps...
Message-ID:

<E78D8A9D6762D411B5440008C791D4AA01303441@dfwex03.allegiancetelecom.com>
MIME-Version: 1.0
Content-Type: text/plain

You can *buy* commercially-made traps from Amateur Electronic Supply
(known to most as "A.E.S.") or better still, BUILD them with instructions
found in just about ANY ARRL Amateur Radio Handbook since 1960!

What? You DON'T have a copy of this invaluable technical reference book?

GET ONE, Pat! No ham should be without it on their reference bookshelf!

Karl K - W8TIF
McKinney, Texas

> -----Original Message-----

> From: Patrick Armstrong [SMTP:aa7fg@gte.net]

> Sent: Sunday, February 25, 2001 11:31 PM

> To: Low Power Amateur Radio Discussion

> Subject: OT: QRP antenna traps...

>

> Hello to all,

>

> Does anyone know where I could procure information on constructing a low
> power antenna trap(s) to make my 80M dipole happy on 40M also? My
> antenna is hung from the back of the house and runs to the back fence
> and looks like a V beam pointed east... Works OK on the fundamental band
> is was designed for (80M) and also on 30M, but not to hot on 40M... I
> feed it with RG-213 into an LDG Z-11 tuner. The LDG will tune 40M, but I
> know that it is not working to well there. I thought of putting traps in
> line to achieve resonance on 40M and improve things... Any ideas? Does
> anyone offer a commercial trap that will work? I would prefer to make
> some stealth traps to keep the antenna as invisible as I can... Any and
> all help would be appreciated as I really miss 40M CW... Appreciate the
> assistance and sorry for the bandwidth...

>

> Pat, AA7FG - Oregon...

> TT Argosy (analog) @5W

>

>

Date: Mon, 26 Feb 2001 10:03:16 -0600

From: Paul Dryer <psdryer@ticnet.com>

To: Karl.Kanalz@allegiancetelecom.com

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [92681] Re: BNC or RCA connectors for RG174?

Message-ID: <3A9A7E44.B10001A9@ticnet.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Karl, very interesting!

Here's what I've found regarding RCA connectors of late. The Radio Shack shielded ones are lossy but correctable. The "ground" lugs are press fitted into the barrels. Therefore, simply solder them together. Mouser sells the most desirable one piece designs with good plated brass barrels and teflon dielectric. The ceramic male connectors are almost impossible to find. As far as true loss vs. a bnc, seems to me that an RCA plug, especially at lower

power levels, has about 3 times the center conductor, contact surface area than a bnc/tnc and about equal on the ground jacket. If a decent dielectric is used, I wonder how the two types of connectors really compare in the grand scheme of things. Keep in mind I'm talking about a portable/backpacking system with weight, and field reparability as major issues. Any comments?

paul

kd5ivp....DeSoto, Texas

"Kanalz, Karl" wrote:

> There's a lot of misguided information out there about using RCA phono
> connectors for r.f. applications, and John's comment(s) are part of them.
>

> In several articles published in 73 magazine in the late-60's to mid-70's,
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> and did *not* even specify they be ceramic dielectric!
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> plug is ideal. So did Collins Radio Company when they connectorized
> the KWM-1 and KWM-2 series of HF transceivers! Yup! The RF output
> (as well as VFO and injection connectors) of this 110-watt rig was via
> a ceramic dielectric RCA phono connector! They worked reliably for
> many years in the field, especially in "transportable" applications.
>

> Don't be afraid to use RCA phono sockets and plugs; beware, however,
> of the "cheapies" made in China, Korea and Taiwan!
>

> Karl K - W8TIF
> McKinney, Texas
>

> > -----Original Message-----

> > From: John J. McDonough [SMTP:wb8rcr@arrl.net]

> > Sent: Sunday, February 25, 2001 8:24 AM

> > To: Low Power Amateur Radio Discussion

> > Subject: Re: BNC connectors for RG174?
> >
> > Yeow - RCA connectors - evil
> >
> > I used RCA connectors for a long time. As Paul mentions, they are easy to
> > find and a lot easier than BNC's to work with.
> >
> > BUT - RCA connectors are intended for audio. As a result, they are lossy
> > at
> > RF. Probably not much of an issue at 80 meters, but I'd be concerned on
> > 20.
> > There are nice ceramic ones available which are very hard to find and less
> > lossy, but they are very fragile - hardly what you want for field work.
> > <snip>

Date: Mon, 26 Feb 2001 08:05:32 -0800
From: Jeff Stai WK6I <jstai@home.com>
To: ae5x@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [92682] Re: QSL route for 5A1A?
Message-ID: <3A9A7ECC.FA202E6D@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

hi - it IS possible to get a card (I hear). Here is the address:

ABUBAKER ALZWAY
P O BOX 74421
TRIPOLI
LIBYA

People who have been successful have sent it REGISTERED MAIL with two "green stamps" (also know as \$2 US). Be sure to hide the money and don't forget the SASE. I would leave callsigns etc. off of the envelopes.

I will be trying this soon myself and will report back if/when it works.

7[] - jeff wk6i

John AE5X wrote:

>

> My logging program lists WF5E as QSL manager for 5A1A but I can find no
> confirmation for this at any of the DX-oriented web sites. Does anyone
> the skinny on getting a QSL from this station? I don't think the US has
> mail exchange with Libya and the ARRL QSL bureau doesn't forward cards to
> Libya. He is quite active on 10m - has anyone gotten a card from him
> (Abu)?

--

jeff stai
WK6I DM13
NAR #21059 TRA #3356 L2
jstai@home.com / wk6i@arrl.net
ROC web page: <http://www.rocstock.org/>

Date: Mon, 26 Feb 2001 11:10:44 -0500
From: "Brian" <bmurrey@amexol.net>
To: <jstai@home.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [92683] Re: QSL route for 5A1A?
Message-ID: <003d01c0a00e\$acc9b360\$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Could you send this to the Libyan embassy in canada??

----- Original Message -----

From: "Jeff Stai WK6I" <jstai@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, February 26, 2001 11:05 AM
Subject: Re: QSL route for 5A1A?

>
> hi - it IS possible to get a card (I hear). Here is the address:
>
> ABUBAKER ALZWAY
> P O BOX 74421
> TRIPOLI
> LIBYA
>
> People who have been successful have sent it REGISTERED MAIL with
> two "green stamps" (also know as \$2 US). Be sure to hide the money
> and don't forget the SASE. I would leave callsigns etc. off of
> the envelopes.

>
> I will be trying this soon myself and will report back if/when
> it works.
>
> 7[] - jeff wk6i
>
> John AE5X wrote:
> >
> > My logging program lists WF5E as QSL manager for 5A1A but I can find no
> > confirmation for this at any of the DX-oriented web sites. Does anyone
> > the skinny on getting a QSL from this station? I don't think the US has
> > mail exchange with Libya and the ARRL QSL bureau doesn't forward cards
> to
> > Libya. He is quite active on 10m - has anyone gotten a card from him
> > (Abu)?
>
> --
> jeff stai
> WK6I DM13
> NAR #21059 TRA #3356 L2
> jstai@home.com / wk6i@arrl.net
> ROC web page: <http://www.rocstock.org/>
>

Date: Mon, 26 Feb 2001 08:18:35 -0800
From: Jeff Stai WK6I <jstai@home.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [92684] Re: Holy Crow! 4Q2LID - HOW TO FIND QSL ROUTES
Message-ID: <3A9A81DB.8BEEB4C7@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

hi folks - the best-est resource to find QSL routes is here:

<http://www.qsl.net/pathfinder/>

Yo9u can install this for use under windows - if you don't have windows or prefer not to install it, they have a web based version:

<http://www.qsl.net/pathfinder/WebClient/>

Using these tools you can access all of the web-based resources available. Take the time to browse them. The "DXS" searches are great

to pick up "spots" of the station where the spot contains QSL info right from the station - this is usually the most reliable info. "QRZ" and "Buck" get you to the big international callbooks. Note also that sometimes a route is conditional on timeframe - for example, all QSLs for a 1999 contest may use a different route than for a 2000 contest because the operator changed.

7[] - jeff wk6i

> At 12:06 AM 2/26/01 -0500, you wrote:
> >This might be a stupid question. But here it goes anyway. How do you find
> >out a contacts QSL manager?
> >
> >Tnx
> >KE6DDG / AG (finally)
> >
> >

--

jeff stai
WK6I DM13
NAR #21059 TRA #3356 L2
jstai@home.com / wk6i@arrl.net
ROC web page: <http://www.rocstock.org/>

Date: Mon, 26 Feb 2001 08:21:14 -0800
From: Jeff Stai WK6I <jstai@home.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [92685] Re: Holy Crow! 4Q2LID -- 2nd call!
Message-ID: <3A9A827A.1318B4F4@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Adrian Weiss wrote:

>

...

> In case anyone is interested, I have a QSL from RG8U. You
> mean that one's phony too? :)

...

yes, afraid so, but YL4U is legit - go figure! - j wk6i

--

jeff stai

WK6I DM13
NAR #21059 TRA #3356 L2
jstai@home.com / wk6i@arrl.net
ROC web page: <http://www.rocstock.org/>

Date: Mon, 26 Feb 2001 11:38:32 -0500
From: Maxime Prati <mprati@postech.ca>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [92686] want to buy tuna tin 2 kit...
Message-ID: <1184DDFC52DBD311AF510050DA799BB75764F0@INTERNET-SERVER>
MIME-Version: 1.0
Content-Type: text/plain

I'm looking to buy a tuna tin 2 kit.
if you have one sleeping somewhere around the shack...
I'm ready to make it sing !!!

73 de VE2HAC
maxime

Date: Mon, 26 Feb 2001 10:48:29 -0600
From: "George, W5YR" <w5yr@att.net>
To: Karl.Kanalz@allegiancetelecom.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [92687] Re: BNC or RCA connectors for RG174?
Message-ID: <3A9A88DD.EDF4FF8D@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Karl, did the S-Line also use the RCA jobbies for r-f connectors?

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

"Kanalz, Karl" wrote:

> I do agree with John that a ceramic dielectric in an RCA phono socket or
> plug is ideal. So did Collins Radio Company when they connectorized
> the KWM-1 and KWM-2 series of HF transceivers! Yup! The RF output

> (as well as VFO and injection connectors) of this 110-watt rig was via
> a ceramic dielectric RCA phono connector! They worked reliably for
> many years in the field, especially in "transportable" applications.

Date: Sun, 25 Feb 2001 22:12:12 -0600
From: Ken Brown <n4so@juno.com>
To: qrp-l@lehigh.edu
Subject: [92688] MS15
Message-ID: <20010226.104342.14390.5.n4so@juno.com>

Anyone who has built the MS15 , I need to
exchange some ideas.

Ken Brown N4SO
Mobile, AL EM50tk
NorCal 20 at 5 watts
4 element mono. yagi
Elecraft K1 #260

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 26 Feb 2001 11:51:37 -0500
From: "Lau, Zack, W1VT" <zlau@arrl.org>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [92689] Re: SWR from outside looking in - significant
Message-ID: <125490A005E3D3118C9C00805FC743CC016B9D26@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Oops--W50LY is Warren Bruene, not Walter.

Date: 26 Feb 2001 08:59:31 -0800
From: Mike Pupeza <mpupeza@altavista.com>
To: QRP-L@Lehigh.EDU
Subject: [92690] Wanted - Parts for EP-3
Message-ID: <20010226165931.18195.cpmta@c012.sfo.cp.net>

Content-Type: text/plain
Content-Disposition: inline
Mime-Version: 1.0

Hi Gang;

Before I go pawing through catalogs and surfing the net, I thought that I'd ask for assistance from the group.

I'd like parts to make the Epiphyte-3!

Specifically, the hard to get ones such as the following:

MuRata M455J1 Ceramic SSB Filter

455 kHz Ceramic Resonator

Miniature 12V DPDT Relay

3 of 4.7 uH TOKO Tunable Coil 154AN - T1005

3.3 uH TOKO Tunable Coil BTKANS9445

3 of 1000 uH Molded Choke and a low resistance one 12 ohms

CA3020 or 3020A IC

MVAM108, 1SV149 Cap. Diode

3 of FB-43-2401 Ferrite Beads

BN-75-202 binocular core

10 turn precision tuning pot 10K

Any other of the kit parts

So, if you have any or all of these items and can spare them, let me know. I'll send a money order for fair prices and postage. I am staying in FL at 32931 Zip. I'd like to scrounge out what I can before I go back in April to VE land living miles from nowhere.

Mike VE3EQP/K4....>

Find the best deals on the web at AltaVista Shopping!

<http://www.shopping.altavista.com>

Date: Mon, 26 Feb 2001 12:10:33 -0500
From: Ken Newman <N2CQ@citnet.com>
To: epaqrp-1@lehigh.edu, QRP-L@lehigh.edu, njqrp@njqrp.org
Cc: <bkassel@dancris.com>
Subject: [92691] [CONTEST] New QRP Sprint with Awards!
Message-ID: <3.0.6.32.20010226121033.00868d50@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRPers,

Add this to your operating calendar. Fun and Prizes!

*** Spring QRP Homebrewer Sprint***

Mission: Promote homebrewed/homemade equipment on the air together.
(Warblers too!) Anyone with ANY equipment can enter.

Sponsor: New Jersey QRP Club (<http://WWW.NJQRP.org>)

When: March 26, 2001 0000-0400 UTC (Last Monday of March)
(Sunday evening in US/Canada)

Modes: CW and PSK31. (Both modes considered separate bands)
QRP CW and PSK31 frequencies recommended.

Exchange: RST - State/Province/Country - Power out

QSO Points:

- 2 Commercial Equipment
- 3 Homebrew Xmtr or Rcvr
- 4 Homebrew Xmtr AND Rcvr or Xcvr
- 5 Homebrew PSK31 station

(Kits are ok for homebrew)

Power Mult: 0-250 MW = x 15, 250MW-1W = x10, 1-5W = x7, >5W = x1.
(The highest power used during the contest for the mult.)

Multiplier: State/Province/Country for all bands. The same station
may be worked on more than one band for QSO points and
SPC credit. CW and PSK31 are considered separate bands.

SCORE: Points(total for all bands) X SPC (total for all bands) X
power multiplier.

AWARDS: A PSK80 "Warbler" kit will be awarded for first place if
sufficient entries. Other awards will be provided based
on the number of entries received (subscriptions to "QRP
Homebrewer" and single issues). Special certificates will
be awarded to all participants.

LOGS: Entries must be received by 30 days from the contest. The
log sheets and summary should be included. E-mail logs are
accepted in text form. (No word processor files etc).
Also paper logs are ok.

Please include your Soapbox info with your equipment and
exploits.

Send logs to:

Ken Newman, N2CQ
81 Holly Drive
Woodbury, NJ 08096

N2CQ@ARRL.NET for e-mail.

72 de

Ken Newman - N2CQ
Woodbury, NJ
N2CQ@ARRL.NET

== QRP CONTEST CALENDAR ==
<http://www.njqrp.org/data/contesting.html>

Date: Mon, 26 Feb 2001 09:20:12 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [92692] Reminder--AL7FS pizza get-together
Message-ID: <009f01c0a018\$61ca96e0\$c3d1fc9e@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just a reminder we are getting together Tuesday evening 6 PM to visit with
Jim Larsen from Alaska.

We will be at the Round Table Pizza in Mountain View, CA, in the shopping
center at the corner of El Camino and Grant Road, just off Hiway 237.

All Bay Area QRPers, NorCal members, QRP ARCI members, members of the Press,
curious passers-by, etc, invited to drop in and say hello.

73, Bob N6WG

Date: Mon, 26 Feb 2001 09:17:04 -0800 (PST)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [92693] Bouncing SWRs on a Field Day G5RV and the why there of
Message-ID: <20010226171704.52586.qmail@web10003.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Last Field Day we had a shortened G5RV (52 feet) fed with ladder line right to a tuner strung up between a couple of trees at around 35 feet. The conditions were extremely windy and we could see the antenna bouncing. Looking at our SWR meter we could see the SWR jumping up and down by quite a bit. We ended up taking it down and using resonant dipoles for the frequencies that we wanted to work. The SWRs on them stayed rock steady in spite of their bouncing up and down just as much as the G5RV.

I tried to figure out why the dipole's SWR's didn't bounce up and down like the G5RV's. I first thought maybe static electricity was building up and that the ladder was conducting it down to the tuner and that coax wouldn't do the same thing. That didn't make sense after I discussed it on the phone with Denis K06GF. Him and I tried to reason out why the SWRs were jumping on the G5RV and not on the dipoles. Well I found the answer. Basically it works like this. When an antenna has reactance on it and it bounces up and down the reactance changes. A resonant antenna does not have any reactance or very little so bouncing up and down changes the SWR by only a little bit. Like all generalities I am sure there are exceptions.

I ran the G5RV through EZNEC for 14 mhz, changed the height by 5 feet and saw the SWR change from 4.2:1 to a 3.5:1 a change of .7. Here are the numbers;

Impedance = $436.2 + j 600.9$ ohms at 30 feet SWR 3.5:1

Impedance = $377.7 + j 646.4$ ohms at 35 feet SWR 4.2:1

Which shows it's the reactance that is the problem. Change of .7 SWR for a 5 foot change in height. The antenna was at 35 feet and if the antenna swung from 30 to 40 feet we would have had a SWR change of 1.4! This in fact matched what we were seeing on the SWR meter. Seems obvious now but I am glad I figured this out. It was driving me nuts trying to figure out why it was doing what it did!

The odd thing is we had used this same antenna in similar conditons and didn't notice the SWRs jumping up and down. They could have been but with the tuner we were using at the time we might not have seen them move.

Thought I'd share this with list in case someone else runs across this.

73!

Jeff

=====

AB6MB

NorCal QRP Club #65, QRP-L #1780, ARCI 10071

Radical FIST Member 6798

Do You Yahoo!?

Get email at your own domain with Yahoo! Mail.

<http://personal.mail.yahoo.com/>

Date: Mon, 26 Feb 2001 09:26:29 -0800

From: Jeff Grudin <grudin@vdbbs.com>

To: qrp-l@lehigh.edu

Subject: [92694] The Clandestine Ham

Message-ID: <3A9A91C5.8708043D@vdbbs.com>

MIME-version: 1.0

Content-type: text/plain; charset=iso-8859-1

Content-transfer-encoding: 8BIT

This is a story that I wrote for my club newsletter. It is not QRP in nature. So If you cannot deal with that PLEASE DELETE NOW. It is related to two recent topics on QRP-l - less than optimum antennas and D68C. It is just (I hope) a funny story.

The Clandestine Ham

Well I did it again.

I took a little break from radio, and as of late I have been trying to get back into Dxing. The current fodder is D68C on Comoros Island in the Indian Ocean. It is about as far from my QTH as one can get. Consequently, it is a difficult catch.

At my office, I have been running the DX packet cluster, so I can monitor when and where D68C has been. It seemed that they were very active during the day. So I thought, and here is where the trouble began, that if I had a station at my veterinary office, I might be able to snag them between patients. I already have an old extra transceiver so all I need to do is put up an antenna.

Well this should be easy. I will put up a dipole in the attic and see what I can do. On Sunday morning with the office closed, I went in to do my rounds and also put up the antenna. I built a doublet according to the plans a guy posted on one of the reflectors I follow. It was fed with ladder line and I ran it to a 4:1 balun located just above my

office. From there I ran about 10 FT of RG8 to my tuner.

Putting up the antenna proved to be an amazing feat. My office building started out as two vacation homes many years ago that were connected and remodeled into one building. Consequently the attics are not connected and so there aren't any long stretches available. Add to that 13 years of old files, equipment, etc. and there just wasn't much room up there. So from the center I went 7 feet on each side made a right turn and went another 12 feet, made a right turn and with a rope tied the two ends together with about 5 feet between them. Looks kind of like a horizontal loop but not connected at the far end of the loop. I actually saw a similar antenna described in the ARRL antenna book. Back to my office and put it to the test. It tuned easily on 10, 15, 20, and 40. Cool I will be ready to go.

My plan was that I could leave the packet cluster running and if I saw the spot, I could try to work it. If I would use my headphones no one would know. Now keep in mind my XYL is my office manager, so I can't get away with much.

My next day at work, I put my plan into action. I set up everything and waited. Then at 17:00 UTC, there it was D68C on 10M CW. I told my coworkers that I was going to go get a cup of coffee and would be right back. I snuck into my office and closed the door. He was very weak, but calling CQ and no takers, perfect. Now I made my second mistake. I figured that with him being so weak he would never hear me at QRP levels, so I cranked the old Icom 701 up to 100W. I tapped out my call and back he comes .KW ? Wow he heard me on the first call. Back I send, 599 de AC6KW TU (599, typical DX lies ;-). I hear him come back ..599 TU AC6KW.

Just at that moment, my office door bursts open. My XYL exclaiming "What the #\$%\$# are you doing. There is Morse code coming out of the speakers all over the hospital, and the computer screens are all blinking on and off with the noise on the speakers.

So much for my clandestine operation, I was caught red handed with my hand in the cookie jar. At least I did get my catch!

Lessons learned:

1. Much less than optimal antennas do work.
2. Stick to QRP operations, especially when you are trying to be sneaky.

--

73 de AC6KW
Jeff Grudin, DVM

<<mailto:grudin@vdbbs.com>>
Web Add: <http://www.vdbbs.com/~grudin>

Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California
Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp #131

Date: Mon, 26 Feb 2001 12:33:58 -0500
From: John Harper AE5X <ae5x@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [92695] Re: QSL route for 5A1A?
Message-ID: <000e01c0a01a\$50c2a020\$5b7abc18@johnharp>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Thanks for the info from everyone. I just sent my QSL via registered mail.
Want to guess what it cost? 8 dollars! Sure hope I get his card. Now back to
working "QSL via the buro" stations.....

John Harper AE5X
Outdoor QRP & Lowband DXing: <http://www.qsl.net/ae5x>

----- Original Message -----

From: "Jeff Stai WK6I" <jstai@home.com>

>

> People who have been successful have sent it REGISTERED MAIL with
> two "green stamps" (also know as \$2 US). Be sure to hide the money
> and don't forget the SASE. I would leave callsigns etc. off of
> the envelopes.

>

> I will be trying this soon myself and will report back if/when
> it works.

Date: Mon, 26 Feb 2001 11:39:10 -0600
From: "Chuck Carpenter" <w5usj@globeco.net>
To: qrp-l@Lehigh.EDU
Subject: [92696] PT as TT2 Enclosure
Message-ID: <3.0.2.32.20010226113910.00820530@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

TT2ers,

A pineapple tin (PT) with a pop-top lid works fine as a TT2 enclosure. The pop top leaves a ledge around the top that is just wide enough to support the PCB. Drill a couple of small holes near the edge of the PCB and pierce holes in the ledge to match. I used a small sharp-pointed awl to pierce the holes. Be careful to not make the holes too big. A couple of #4 sheet metal screws are all that's needed to hold the pieces together. The PT at 2 in. is taller than a tuna tin but having the ledge left from the pop top makes mounting the TT2 board a whole lot easier.

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275
RARA #3, NETXQRP =96 <http://www.angelfire.com/tx4/netxqrpclub/>
[TMPS] Qs - 62, States - 25, DX -16, 3W to HF9V (or W9INN Inv V)

Date: Mon, 26 Feb 2001 12:32:45 -0500
From: "Pete (N9SSA)" <n9ssa@arrl.net>
To: k8daa@yahoogroups.com, qrp-l@Lehigh.EDU
Subject: [92697] N9SSA/BCN test report
Message-ID: <5.0.2.1.0.20010226123007.02f960e0@mail.itscommunications.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi -

Thanks to those that responded to my request for signal reports on my beacon at 28.234. I received reports from as far as the UK and Panama City.

The beacon is still up and running - Give it a listen if you have a chance!!

More info on my beacon is available at:

<http://www.qsl.net/n9ssa>

N9SSA - Pete Hoffswell
Holland, MI - EN62wt - 42.79N 86.15W
n9ssa@arrl.net <http://www.qsl.net/n9ssa>
QRP-L #2109

Date: Mon, 26 Feb 2001 11:51:03 -0600

From: "Chuck Carpenter" <w5usj@globeco.net>
To: qrp-1@Lehigh.EDU
Subject: [92698] RCA's for RF-- Plastics
Message-ID: <3.0.2.32.20010226115103.00822660@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Some of the plastics used for RCA connectors can be a problem at RF. Especially black plastic. Carbon is often used as a filler to make black plastic. Other fillers are used to make other colors and to make the plastic more durable. These fillers can be conductive and/or increase the dielectric constant of the plastic. In effect, you'd have a capacitor or even a conductor to ground inside the connector.

As Karl and others pointed out, if you can get them ceramic insulation is best. Clear plastic would be OK and white would be OK if you know its teflon or some other RF stable material. =20

Radio Shack used to carry a metal shielded RCA type plug with room enough inside the barrell for RG-58. I've seen them in catalogs like Mouser too. I noted that W1FB used RCA connectors in several of his creations. So they can't be all bad... 8^)...

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275
RARA #3, NETXQRP =96 <http://www.angelfire.com/tx4/netxqrpclub/>
[TMPS] Qs - 62, States - 25, DX -16, 3W to HF9V (or W9INN Inv V)

Date: Mon, 26 Feb 2001 13:01:45 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [92699] RE: Milton VT QRP Forum, 2/24/2001
Message-ID: <125490A005E3D3118C9C00805FC743CC01C16A9A@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

John is being a bit modest on this one. What he didn't mention is that the QRP presentation they put on was by FAR the best-attended of the show! What was really neat was that everyone else noticed, too. Tom Frenaye, K1KI, the ARRL New England Division Director, got some positive reinforcement about the value of QRP and the growing interest of hams in the QRP part of the Amateur Radio Service.

73,
Ed Hare, W1RFI

-----Original Message-----

From: John Wagner [mailto:john@neknetwork.com]
Sent: Sunday, February 25, 2001 12:12 PM
To: Low Power Amateur Radio Discussion
Subject: Milton VT QRP Forum, 2/24/2001

"I have seen the light"

and so launched Brian, N1BQ into an entertaining and informative QRP Forum at Milton, VT Hamfest at 0930 EST on 2/24/2001 sponsored by the Northern Vermont QRP Society (NVQS).

Brian's narrative and handout covered the reasons QRP is so popular, why it's fun and what can be done with it. He went over the "S-Signal math," talked about different awards, Appalachian trail operating, the Northern Vermont QRP Society, different kits available, CW and SSB operating and Internet resources for QRP. Brian covered a lot of ground (some of which I haven't mentioned). Brian is an excellent speaker and held the attention of the standing-room only crowd the entire time.

Fran, KM1Z talked about making circuit boards and the NJ QRP Club Warbler (with a live demo at the end). NJQRP CLUB, WARNING: more orders are probably on their way!

Bob, WE1U gave us a great walk through the Elecraft K-2 and all of its options - and a mild indoctrination into the religion of the Royal Order of the K-2.

Yours truly stammered the through the QRP-L Fox hunts and Cub Fox Hunts and passed around a log and map (N1FN from 11/17/2000 and KB1ENS from 11/02/2000) to demonstrate what can be done with QRP in a two hour stretch. I also showed off my K-1 and repented to the group that I had to send it in for repair after it was built.

There were numerous kits displayed and passed around during and after the forum. While talking with a number of attendees, I got the feeling that there were more going to be more than a few of converts. It was great to chat with some of the old-timers who are looking for a new challenge.

Thanks to Brian, N1BQ for his tireless work on the forum and fantastic presentation. The NVQS table was also manned by Jay, KK1J and others to whom I apologize for not mentioning by name. Ed Hare, W1RFI was

kind enough to bring the original TT2 for display.

Also thanks to Elecraft for sending a pile of informational pamphlets on the K-1, K-2 and order blanks. An "almost ran" award to Yaesu, whose FT-817 pamphlets were delivered to my QTH yesterday afternoon when I got home.

73,

John, KB1ENS

--

John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>

Date: Mon, 26 Feb 2001 13:17:25 -0500
From: "Victor Blackwell" <victor@brecnet.com>
To: <w1rfi@arrl.org>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [92700] Re: Milton VT QRP Forum, 2/24/2001
Message-ID: <00e501c0a020\$5f67a700\$4d5730d1@victor>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The interest has been growing for thirty years. Glad you noticed.

>John is being a bit modest on this one. What he didn't mention is that the
>QRP presentation they put on was by FAR the best-attended of the show!
What
>was really neat was that everyone else noticed, too. Tom Frenaye, K1KI,
the
>ARRL New England Division Director, got some positive reinforcement about
the
>value of QRP and the growing interest of hams in the QRP part of the
Amateur
>Radio Service.

Date: Mon, 26 Feb 2001 13:31:31 -0500

From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [92701] FS: Norcal 20 - \$95 to your door
Message-ID: <3A9AA103.29F27BD4@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

I have a Norcal 20 that I acquired from friend of mine (N1RZ) who bought it from who I believe was the original owner (K4MSW is the call stenciled on the front of the radio). This radio is in a very sturdy aluminum "clamshell" type case and has an orange BIOHAZARD sticker on the top of it. It features a ten-turn pot with a neat number dial on it, sort of like a safe. Has what I believe to be normal Norcal 20 features; RIT, keyer, freq readout via morse code and an attenuator on the back. As it's setup now it puts out about 5W (adjustable internally).

Since I now have a K-1 (and want to buy the KAT1 ;)), I will part with this rig. I have used it and it works *great* - the receiver is excellent and the filtering is very sharp. I will take \$95 for it, delivered via USPS Priority Mail in the lower 48.

First response via email gets it.

73,

John, KB1ENS

--

John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>

Date: Mon, 26 Feb 2001 20:33:49 GMT
From: "Adrian Weiss" <aweiss@usd.edu>
To: qrp-1@lehigh.edu
Subject: [92702] CQC Contest on 80m
Message-ID: <G9DNIB00.V00@mail.usd.edu>

Hi gang:

I hung out on 80m calling CQ. Not much activity. Very bad line noise until 0300, then somebody switched off something and the band went quiet. I apologize to anyone who called me before that without a response. Only 8 QSO's:

N9TA IN

W3BBO PA
W8JND OH
W0CQC CO
N0UR MN
W8DHG OH
N1FN CO
N2WW CO

Al W0CQC and I tried 10m, he was a good 569 here, but the G5RV thru 450-ohm line just didn't hack it in his direction. It was an interesting experience, knowing that his ant was lobbing a real nice signal into here, so propo was OK, but my little antenna just couldn't put out a signal to make the return trip! But the same G5RV fed as a top-loaded vertical w. a bunch of radials did WAS -2 in a couple 160 contests + VP5, KL7, and KH6. The same physical hunk of wire with very different results depending on its electrical configuration.

72, Ade

Date: Mon, 26 Feb 2001 13:36:35 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [92703] RE: Milton VT QRP Forum, 2/24/2001
Message-ID: <125490A005E3D3118C9C00805FC743CC01C16A9E@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

:-) Actually, it is more than "noticed;" I have been part of the QRP action for about 25 of those 30 years, long before I came to work at ARRL HQ. :-)

73,
Ed Hare, W1RFI
ARRL Laboratory Supervisor
225 Main St
Newington, CT 06111
Tel: 860-594-0318
FAX: 860-594-0259
Internet: w1rfi@arrl.org
ARRL Web: <http://www.arrl.org>
ARRL Technical Information Service: <http://www.arrl.org/tis/>

-----Original Message-----

From: Victor Blackwell [mailto:victor@brecnet.com]
Sent: Monday, February 26, 2001 1:17 PM
To: w1rfi@arrl.org; Low Power Amateur Radio Discussion
Subject: Re: Milton VT QRP Forum, 2/24/2001

The interest has been growing for thirty years. Glad you noticed.

>John is being a bit modest on this one. What he didn't mention is that the
>QRP presentation they put on was by FAR the best-attended of the show!
What
>was really neat was that everyone else noticed, too. Tom Frenaye, K1KI,
the
>ARRL New England Division Director, got some positive reinforcement about
the
>value of QRP and the growing interest of hams in the QRP part of the
Amateur
>Radio Service.

Date: Mon, 26 Feb 2001 13:46:41 -0500
From: Rick Robinson <rerobins@email.uncc.edu>
To: qrp-1@lehigh.edu
Subject: [92704] Re: BNC or RCA connectors for RG174?
Message-ID: <v0310280cb6c053eb1282@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Try Dan's Small Parts for BNC connectors that fit RG-174. I ordered 4
from him last week for \$1.25 each.

<http://www.fix.net/~jparkar/dans.html#dan's29>

Usual disclaimers apply.

72,

Rick kf4ar

Date: Mon, 26 Feb 2001 14:21:28 EST
From: DaveLeDuc@aol.com
To: <qrp-1@lehigh.edu>
Subject: [92705] qrp and sunspots
Message-ID: <b6.11bc9b1c.27cc06b9@aol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

This was the first sunspot maximum that I have experienced as a ham. My activity always coincided with a sunspot minimum.
It would be interesting to see how QRP activity and sunspots are related (if at all). Has anyone any statistics?
Dave K1EPJ

Date: Mon, 26 Feb 2001 14:23:09 -0500
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [92706] Norcal 20 sold
Message-ID: <3A9AAD1D.93FD681C@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks for the response, it went quick... now to order that KAT1...

73,

John, KB1ENS

--

John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>

Date: Mon, 26 Feb 2001 14:28:01 EST
From: Edgerhardt@aol.com
To: qrp-1@lehigh.edu
Subject: [92707] Seeking unbuilt NJQRP Rainbow Tuner
Message-ID: <57.121be80c.27cc0841@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I am looking for one of the above.

72
Ed
N4EJG

Date: Mon, 26 Feb 2001 13:24:53 -0600
From: "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
To: "'George, W5YR'" <w5yr@att.net>, "Kanalz, Karl"
<Karl.Kanalz@allegiancetelecom.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [92708] RE: BNC or RCA connectors for RG174?
Message-ID:
<E78D8A9D6762D411B5440008C791D4AA0130344A@dfwex03.allegiancetelecom.com>
MIME-Version: 1.0
Content-Type: text/plain

Yep! The S-Line transmitter uses a ceramic RCA "Phono Socket".

No, the 30L-1 and 30S-1 linear amplifiers did NOT use them!

Karl K - W8TIF
McKinney, Texas

> -----Original Message-----
> From: George, W5YR [SMTP:w5yr@att.net]
> Sent: Monday, February 26, 2001 10:48 AM
> To: Karl.Kanalz@allegiancetelecom.com
> Cc: Low Power Amateur Radio Discussion
> Subject: Re: BNC or RCA connectors for RG174?
>
> Karl, did the S-Line also use the RCA jobbies for r-f connectors?
>
> 72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
>
> Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
>
>
> "Kanalz, Karl" wrote:
>
> > I do agree with John that a ceramic dielectric in an RCA phono socket or
> > plug is ideal. So did Collins Radio Company when they connectorized
> > the KWM-1 and KWM-2 series of HF transceivers! Yup! The RF output
> > (as well as VFO and injection connectors) of this 110-watt rig was via
> > a ceramic dielectric RCA phono connector! They worked reliably for
> > many years in the field, especially in "transportable" applications.

Date: Mon, 26 Feb 2001 11:41:30 -0800
From: <schoon@amgt.com>
To: <qrp-1@Lehigh.EDU>
Subject: [92709] FW: [DSP-10] 1296 QRP EME
Message-ID: <c=US%a=_%p=American_Geotech%l=AG-CALCITE-BDC-010226194130Z-206@mail.amgt.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

>-----
>From: Bob Larkin[SMTP:boblark@proaxis.com]
>Sent: Sunday, February 25, 2001 7:15 PM
>To: dsp-10@qth.net; dsp-radio@qth.net; nwwsvhf@qth.net; Ernest P Manly; Wes
>Hayward; rcampbell@tqs.com; go@ao.com; jlmock@pacbell.net;
>bailey@cvo.oneworld.com; bigtrees@attglobal.net; ppagel@arrl.org; Steve Ford;
>rein0zn@ix.netcom.com
>Subject: [DSP-10] 1296 QRP EME
>
>Hi to all,
>
>Congratulations go to W7LHL and W7SZ for their successful 5-Watt QRP 1296
>Mhz EME QSO! This was using the PUA43 mode with their DSP-10 transceivers
>and transverters. The antennas were 10 and 12 foot TVRO type of dishes.
>
>Details are available at
><http://www.proaxis.com/~boblark/dsp10.htm>
>Look near the top of the web page.
>
>An excellent accomplishment Ernie and Larry!
>
>73,
>
>Bob W7PUA
>
>
>-----
>
>To leave DSP-10 , send <mailto:majordomo@qth.net>
>with the BODY of the message containing:
>
>unsubscribe dsp-10
>

Date: Mon, 26 Feb 2001 15:12:04 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: qrp-1@Lehigh.EDU
Subject: [92710] Last SPRAT renewal reminder
Message-ID: <20010226201245.IHXA10619.invictus@n8et>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

March 3 is the cut off date off for the labels for the next issue of SPRAT. If you have not renewed for 2001 yet, now is the time....

\$14 for a year. Check made out to GQRP Club
mail it to:
Bill Kelsey
3521 Spring Lake Dr.
Findlay, OH 45840
73 - Bill - N8ET
Kanga US
kanga@mail.bright.net
<http://www.bright.net/~kanga/>
419-423-4604

Date: Mon, 26 Feb 2001 12:19:21 -0800
From: Stephen M Smith <sigcom@juno.com>
To: glowbugs@piobaire.mines.uidaho.edu
Cc: qrp-1@Lehigh.EDU, HEATH@LISTSERV.TEMPE.GOV
Subject: [92711] OT: Vibroplex Champion help
Message-ID: <20010226.121921.-487643.0.sigcom@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Group,

I'm trying to repair a Vibroplex Champion bug and I need a picture of the area beneath the top pivot plate, in particular the "dot" tension spring and how it's connected to the arm. An oblique shot looking down from the damper end would be perfect. Thanks.

73.....Steve 'The Scrounger' Smith
WB6TNL Oxnard, CA USA
"snort rosin"

Date: Mon, 26 Feb 2001 14:25:56 -0600
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <Drbob92031@aol.com>
Cc: <qrp-1@Lehigh.EDU>
Subject: [92712] Hot Antenna? Naw!!!
Message-ID: <008a01c0a032\$52d9fa80\$4e100a0a@rohredt2000>

Bob,
Someone was pulling your leg. Any dipole operated anywhere near to the band for which it is cut, or its harmonics will NOT get hot! And I bet you are not planning on exceeding 100 watts to an attic antenna? Right?

At QRP you can hold it in your hand, and probably at 100 watts as well. (But not recommended). Never have my attic antennas been hot except from the heating of the attic in summer. Maybe that is what the piece you read meant? I would like the reference if you have it. It was wrong, wrong, wrong, in regard to RF heating. Your choice of insulated house wire is excellent, and is what we use for our FD large wire gain antennas, and those also do not get hot! The duty cycle on ham transmissions on CW and SSB is too short for the antennas to heat to a measurable degree unless you had very precise digital thermometers, and even then I doubt you could tell the difference.

Just keep the ends clear of conductors, and insulate them with the little antenna insulators you can get at Radio Shack ,or better ceramic ones you get at ham swaps. If nothing else go to farm store and get electric fence insulators of plastic. Or as I did in my attic, use plastic spoons and knives as insulators-- those you get in picnic packs with your fast food! They have been in successful use in my attic since 1975!

72,
Stuart K5KVH

Date: Mon, 26 Feb 2001 14:41:00 -0600
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <smckean@birch.net>
Cc: <qrp-1@Lehigh.EDU>
Subject: [92713] Artificial grounds (tuner for counterpoise wires)
Message-ID: <009701c0a034\$6dca6c60\$4e100a0a@rohredt2000>

The artificial grounds devices are simple a series tuned circuit, (thus low impedance at resonant frequency) for making a radial or counterpoise wire

seem to be resonant on a band. Thus, it can act as the missing half of a random wire antenna, or RF ground image. When you can not use a dipole, these might be useful to keep RF off the rig case and out of the shack, (stray RF). I have built and tested the T kit one, and even converted it to an L network matching device to use with field antennas, if not needed for the ground resonating purpose.

However, it does not improve the performance of the antenna alone! That is a function of the antenna dimensions re the frequency used, the height of the antenna, and its placement near to conductive or shielding objects.

But, if you are on the second floor of a building or higher, there is no way for you to have a low RF ground impedance to an earth connection on the higher ham bands above 40m. In such a case, the artificial ground is a useful accessory to make even a random earth wire tune to the band in use. The tuned circuit can be home made, or in the case of the Ten Tec RF Counterpoise kit, you get a tapped variable toroid inductor, and switched capacitors to make the wire resonate.

The meter on some of these devices simply monitors RF current in the series circuit which will max out when you are tuned to the frequency of the rig in use. The connection of the tuner is to the chassis of the transceiver, and then to a insulated wire used for the counterpoise. The L and C required is based on how short a wire you have, and as a starting point the same L as in a Transmatch can be used with similar capacitors to make your own series circuit. Most any good junkbox can yield a variable cap suited for this use, along with a low loss coil form, or piece of Air Dux for the coil.

72,
Stuart K5KVH

Date: Mon, 26 Feb 2001 15:43:34 -0500
From: ed.kwik@delphiauto.com
To: qrp-1@Lehigh.EDU
Subject: [92714] Michigan QRP Net
Message-ID: <052569FF.0071DF58.00@uskokg99.delcoelect.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Due to a business trip there will be no MI QRP Net this week. I will be back for next weeks net.

Ed AB8DF

Date: Mon, 26 Feb 2001 14:50:57 -0600
From: "Jay Bromley" <w5jay@alltel.net>
To: <qrp-l@Lehigh.EDU>
Cc: "William Winnscott" <n6cha@ipa.net>, "Steve Lowrey" <snlowrey@alltel.net>,
"Stan Ross" <slross@cox-internet.com>, "Royce Rainwater" <ke5tc@crosstel.net>,
"Ronald M. Kupers" <w5xq@arrl.net>, "Richard Donovan" <n5xm@alltel.net>,
"Randy Holden" <Randy_Holden@hotmail.com>, "Randy Baggett" <kg5ne@cei.net>,
Subject: [92715] P-TiCKs & ArkieCon
Message-ID: <00a501c0a035\$d5e2df20\$569b66a6@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang hi,
I have just enough parts to make up another batch of P-TiCKs. The number will be 150 and there will not be any more made from this hangout, :-). If you are new to the list and don't know what a P-TiCK kit is you can go to the best QRP web-site on the planet, the NorCal web-page at:

<http://www.fix.net/norcal.html>
<http://www.fix.net/~jparker/norcal/ftsmith/ptick.htm>

The kit has been fun, but all good things must come to an end. We started selling this kit at last years ArkieCon as a fund raiser for this years forum. Boy what a success, some of guys use the little paddle kit as a way to Elmer newbees. Others for field operation and still others for mobile.

It seems the little kit has taken on a life of its own and a lot of the buyers are now repeats. So if you want any extras or didn't get in on the fun the first time you better hurry. A big thanks to Mike Gipe, Doug Hendricks, and Wayne McFee for helping with the kit.

So how did the fund raiser do and what is going on this year at ArkieCon? For starters we have some of the best speakers coming bar none. Speakers like Tony Fishpool, Graham Firth, George Heron, and Jim Kortge. We are going to do things a little different this year, instead of having speakers every hour, we will be going every other hour so the speakers and guests can enjoy the swap meet also. This will be more relaxing for

everyone, but WAIT less is more.

We also have the greatest Elmers in the business coming like Mr. Jim Cates, "Mr Antenna" Vern Wright, Chuck Adams, Jim Duffey, Dave Yarnes, Dave Fifield, Paul Maciel and a car load folks from St. Louis like Dave Gauding.

They are also coming down from the North like Mike Fitzgibbon, John Burnley, Darrel Swenson just to name a few. More are also coming from the west to the likes of Clift Sikes, "Mr CW" Dub Thornton, Dennis "The Te-Ne-Key Guy" Foster, Burl Keeton, and Don Foster. Whew, and this is just all I can remember off the top of my head. All of these guy would make excellent guest speakers themselves and will be around all weekend just to hang out and fun. Ed Manuel will be bringing up the gang from Texas.

All of this start off Friday night around 6:00 p.m. at the Rib-Eye on April the 6th. This is a no-host event. On Saturday evening April the 7th in the same room as that the QRP forums were held earlier we have a barbecue dinner. We will pick that tab up on that one. In other words Mr. Doug Hendricks, everyone will eat for free just like last year. This is just way of saying thanks to the best Group Fraternity "The QRPers". Without the support from you guys and gals none of this would be possible! Thank you from the Fort Smith QRP Group.

Speaking of old Doug he will be MCing this years event. He and "Hanging Judge" Kelsey will also be in charge of the building contest. So bring those 2n2222 rigs and any other projects that you have built and want in the contest.

Vern Wright will be setting up one of his antennas for that night's display and maybe we could con old Jim Cates into letting us try out his Yaesu FT-817 into it.

Aha I almost forgot this year prize will be a Yaesu FT-817 with all the trimmings. The last two years we have gave away kits. The person that wins this years prize will literately be able to walk out the door on to the parking lot and set up a QRP station in 10 minutes! Why? Because Vern Wright is donating one of his MP-1 miniature antennas to the winner of the 817. Wow an 817 and the perfect antenna to go along with it. You can't beat that.

More on the prizes later. Come to think there is a lot more of everything to come so stay tuned!

If you want to know more info on ArkieCon and the Fort Smith Area Hamfest go to
<http://www.qsl.net/kk5ku/arkiecon.html>

Also you can see last years pictures here, just don't go to the very end.
It truly is "The End"

Jerry Parker will be doing the pre-registration badge thing again. Many thanks for all of Jerry's hard work. We will start that up later this week. Many thanks and Cu in April.
73 de w5jay..

Date: Mon, 26 Feb 2001 14:58:12 -0600
From: Ken Brown <n4so@juno.com>
To: qrp-l@lehigh.edu
Subject: [92716] Spratly Islands/9M0M
Message-ID: <20010226.145812.14390.10.n4so@juno.com>

After D68C, there is another good prefix coming up the first week of March-- 9M0M.
Sally, KM5EP, Dennis, AF7Y, Jerry, WB9Z, Luis XE1L, Darryl, AF70, Dan NA7DB, and Mike N7MB plan to activate Spratly Islands as 9M0M- QSL K7XN.
>From the ARRL DX bulletin Feb. 22, 2001.

Ken Brown N4SO
Mobile, AL EM50tk
NorCal 20 at 5 watts
4 element mono. yagi
Elecraft K1 #260

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 26 Feb 2001 16:14:05 -0500
From: Rick Robinson <rrobins@email.uncc.edu>
To: rohre@arlut.utexas.edu
Cc: qrp-l@lehigh.edu
Subject: [92717] Re: Artificial grounds (tuner for counterpoise wires)

Message-ID: <v03102816b6c0764b2879@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Stuart K5KVH writes;

>The tuned circuit can be home made, or in the case of the Ten Tec RF
>Counterpoise kit, you get a tapped variable toroid inductor, and switched
>capacitors to make the wire resonate.

I'm having to move the shack from my house out to a "bonus" room above the garage. Guess whose idea that was?!!! This is going to cause me to have to work out a suitable RF ground from the second story.

Does anyone have any experience with the Ten Tec counterpoise kit or plans for a homebrew version? It sounds like nothing more than an antenna tuner. I'm sure I probably have junk box enough to build one up, at least my wife thinks I have enough of a junk box.

72,

Rick kf4ar

Date: Mon, 26 Feb 2001 16:20:57 -0500
From: "Charles Mabbott" <crmabbott@mediaone.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [92718] Ham radio Linux question
Message-ID: <GAECLOGOMILPLBGKKPEGMEIICEAA.crmabbott@mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

I do not know much about this either, but will send it to some folks who might be able to steer us in the right direction.
Please reply off list, thanks!

Here is question;
Currently the only Linux based Ham software I'm running is an AMSAT tracking utility and a Callsign database/QSO log. I would love to know what other kinds of stuff there is available. I often hear people at hamfests comparing notes on software they're writing for the Linux platform but have yet to find an actual user group of strictly Hams using Linux, or an online

compendium of Linux software for use in Amateur Radio. Anyone have any input? Tnx, 73 ;^)

-----Original Message-----

From: KD5LXB [mailto:KD5LXB@hotmail.com]

Sent: Monday, February 26, 2001 12:24 PM

To: aa8vs@arrl.net

Subject: Need Help

Hey Chuck, I have a small section on my message board for HAM RADIO. I had a question posted this morning and wonder if you would be willing to help me out on it ? Just click on this link
<http://pub10.ezboard.com/fnoflyzonefrm19.showMessage?topicID=30.topic> and it will take you to the question.

Thanks,

Dennis

=====

Chuck Mabbott

AA8VS

42 19' 52" N 83 28' 32" W

Grid Square EN82gh

Home Page: <http://aa8vs.dhs.org/aa8vs>

Date: Mon, 26 Feb 2001 16:55:05 -0500

From: "Bill Acito" <w1pa@hotmail.com>

To: qrp-1@Lehigh.EDU

Subject: [92719] Re: Hot Antenna? Naw!!!

Message-ID: <F194i8ajGXgbur6qyh00000f738@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

>At QRP you can hold it in your hand, and probably at 100 watts as well.
>(But not recommended).

I had a burn scar on my left hand for a number of years after grabbing the end of a resonant dipole (40m) at 100W. Not a thermal burn, but an RF burn.

DEFINATELY NOT recommended.

Bill

W1PA

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Date: Mon, 26 Feb 2001 17:13:06 EST
From: n5ib@juno.com
To: qrp-1@Lehigh.edu
Subject: [92720] HB - salvaged parts
Message-ID: <20010226.161000.4647.0.n5ib@juno.com>

Today I dived in to see what good parts might be found in a box of RS "FlavoRadios" I picked up at a yard sale a while back. To my surprise the tuning capacitor, which I thought was the polyvaricon type, turned out to be mica insulated. So I salvaged the caps, ferrite loopsticks, and speakers. The tuning caps especially will be good for BLT type tuners. So my junk box profited from the effort.

But, I have no real desire to salvage any other stuff off the PC boards, which contain 3 IF cans, a trimpot, 6 transistors, 5 electrolytic caps, and misc R's and C's. There are nine of these boards, and a tiny, almost illegible schematic that can help identify some parts. So if anyone wants all nine of these boards, they're yours for the \$3.60 priority mail postage. I might even toss in a surprise to fill up the rest of the package :^))

72
Jim N5IB

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 26 Feb 2001 14:21:58 -0800
From: Stephen M Smith <sigcom@juno.com>
To: glowbugs@piobaire.mines.uidaho.edu
Cc: qrp-1@Lehigh.EDU, HEATH@LISTSERV.TEMPE.GOV
Subject: [92721] Re: OT: Vibroplex Champion help GOT IT!
Message-ID: <20010226.142159.-301963.0.sigcom@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Group,

Thanks to one of our Candian fellow hams, I have received the photo that answered my question. Thanks everyone.

73.....Steve 'The Scrounger' Smith
WB6TNL Oxnard, CA USA
"snort rosin"

Date: Mon, 26 Feb 2001 17:17:31 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: w5yr@att.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [92722] Re: BNC or RCA connectors for RG174?
Message-ID: <3A9AD5FB.4198D67E@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

George,
>
> Karl, did the S-Line also use the RCA jobbies for r-f connectors?
>
Yes.

Date: Mon, 26 Feb 2001 16:28:36 -0600
From: "George, W5YR" <w5yr@att.net>
To: Bruce Muscolino <w6toy@erols.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [92723] Re: BNC or RCA connectors for RG174?
Message-ID: <3A9AD894.F4B92AE1@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks, Bruce and Karl. I was pretty sure that was the case. Art must have known something, don't you think? <:}

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!

Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Bruce Muscolino wrote:

>
> George,
> >
> > Karl, did the S-Line also use the RCA jobbies for r-f connectors?
> >
> Yes.

Date: Mon, 26 Feb 2001 17:29:56 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: DaveLeDuc@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [92724] Re: qrp and sunspots
Message-ID: <3A9AD8E4.DBF563EA@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dave,

Activity always goes up during sunspot maximums. I doubt that any clubs have kept any records. The current QRP activity may have only spanned two sunspot maximums. The older QRP craze may only span 3 or 4 sunspot maximum. Before QRP became an anthem we used to call it just running low power, and since most hams did run low power you could look in any QST or CQ around the time of the sunspot maximum to see what activity was present!

73

Date: Mon, 26 Feb 2001 17:42:56 -0500
From: "Russ Hines" <radioruss@fuse.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [92725] Re: BNC or RCA connectors for RG174?
Message-ID: <003e01c0a045\$799e9f00\$be2344d8@rbhines>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yeah, RF connectors by the gross can get expensive. ;-)

73,
Russ Hines
WB8ZCC
radiator@fuse.net
wb8zcc@arrl.net
<http://home.fuse.net/radiator>

----- Original Message -----

From: George, W5YR <w5yr@att.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Monday, February 26, 2001 5:28 PM
Subject: Re: BNC or RCA connectors for RG174?

> Thanks, Bruce and Karl. I was pretty sure that was the case. Art must have
> known something, don't you think? <:}
>
>
> Bruce Muscolino wrote:
> >
> > George,
> > >
> > > Karl, did the S-Line also use the RCA jobbies for r-f connectors?
> > >
> > Yes.

Date: Mon, 26 Feb 2001 15:08:53 -0700
From: "Ron, KU7Y" <ku7y@qsl.net>
To: Adrian Weiss <aweiss@usd.edu>
Cc: QRP-L <qrp-l@Lehigh.EDU>
Subject: [92726] 4Q2LID???
Message-ID: <000701c0a047\$a724c1a0\$44c6a9d8@com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7bit

Hi Ade,

That reminds me of the time I was in a pile up for a fellow signing 2X4STUD
a few years ago.

Some bootleggers have good imaginations!

73,

cul, Ron KU7Y
Full time RVing somewhere in the West!
(Currently near Quartzsite, AZ)
A Proud AZScQRPion
If guns cause crime then pencils cause misspelled words.

Date: Mon, 26 Feb 2001 18:28:04 -0500 (EST)
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: "Ron, KU7Y" <ku7y@qsl.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [92727] Re: 4Q2LID???
Message-ID: <Pine.BSF.4.10.10102261827080.74677-100000@quartz.gly.fsu.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 26 Feb 2001, Ron, KU7Y wrote:

> Hi Ade,
>
> That reminds me of the time I was in a pile up for a fellow signing 2X4STUD
> a few years ago

Did you get his QSL info?

Date: Mon, 26 Feb 2001 23:26:46 +0000
From: Larry S Cahoon <wd3p@juno.com>
To: epaqrp-1@Lehigh.EDU, qrp-1@Lehigh.EDU
Subject: [92728] Re: Fw: World Record Shortwave QSO - Pedestrian to Pedestrian
Message-ID: <20010226.232706.-435925.0.wd3p@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I don't know if anyone else caught it but I noticed yesterday at the D68C web site a comment about one of their contacts. Apparently one of the ops using a 10 meter handi while standing at a bus stop had an FM QSO

with a W6 ham. Not pedestrian to pedestrian but it is impressive.

73 de Larry.....WD3P

> > ... from <<http://www.qrz.com>>
> >
> > -----
> > San Mateo, California USA
> > 18 February 2001
> >
> > Amateur radio sport got a boost today with the successful direct
> > pedestrian to pedestrian communication over 10,460 kilometers
> > (6,500
> > miles) of ocean via shortwave. In what is believed to be the
> > longest
> > distance voice contact without satellites between two pedestrian
> > amateur
> > radio operators, Max Pompe ZL1BK of Auckland New Zealand and
> > Bonnie
> > Crystal KQ6XA of San Mateo California USA, utilized miniature
> > single
> > sideband transceivers with homemade antennas.
> >

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 26 Feb 2001 18:43:59 -0500 (EST)
From: n2go@arrl.net
To: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [92729] Re: 2x4STUD
Message-ID: <Pine.LNX.4.21.0102261843020.333-100000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I think the Home Depot is handling the qsl :)

73,

Jim n2go

On Mon, 26 Feb 2001, Henry Freedenberg wrote:

>
>
> On Mon, 26 Feb 2001, Ron, KU7Y wrote:
>
> > Hi Ade,
> >
> > That reminds me of the time I was in a pile up for a fellow signing 2X4STUD
> > a few years ago
>
>
> Did you get his QSL info?
>
>
>

Date: Mon, 26 Feb 2001 17:38:45 -0600
From: res075cz@gte.net
To: <qrp-1@lehigh.edu>
Subject: [92730] 1N295 Diode Replacement
Message-ID: <01c401c0a04d\$42aaf540\$7c640304@vz.dsl.genuity.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just bought a Swan WM-1500 RF Wattmeter that has a five watt and 50 watt scale that makes in great for QRP. It has has two QRO scales so I can use it as a general purpose meter.

The SWR bridge does not work because of two blown 1N295 diodes. Does anyone know a modern replacement for these diodes or should I go looking for the originals?

Thanks for your help...

73 de Jim, K5ROV...

James (Jim) Parsons, K5ROV, CMSgt, USAF, Ret., Ham for 60 yrs.
k5rov@arrl.net, QCWA, ARCI, Fists, ARRL, ARMS.
EX: W1RLA, K5FBB, K4FEO, SVOWN (CRETE), SVOWN (RHODES),
DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
JOHN 3:16

Date: Mon, 26 Feb 2001 17:42:15 -0600
From: Paul Dryer <psdryer@ticnet.com>
To: w1pa@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [92731] Re: Hot Antenna? Naw!!!
Message-ID: <3A9AE9D6.C669D9E6@ticnet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I bet it's just like the one I got off my resonant Vibroplex bug..hi hi!! Also
at 40m. Ouch!
paul
kd5ivp

Bill Acito wrote:

> >At QRP you can hold it in your hand, and probably at 100 watts as well.
> >(But not recommended).
>
> I had a burn scar on my left hand for a number of years after grabbing the
> end of a resonant dipole (40m) at 100W. Not a thermal burn, but an RF burn.
>
> DEFINATELY NOT recommended.
>
> Bill
> W1PA
> _____
> Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Mon, 26 Feb 2001 18:54:58 EST
From: n5ib@juno.com
To: qrp-1@Lehigh.edu
Subject: [92732] HB - flavoradio parts
Message-ID: <20010226.175152.4647.3.n5ib@juno.com>

The FlavorRadio boards are spoken for. Thanks ...

72
Jim N5IB

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<http://dl.www.juno.com/get/tagj>.

End of QRP-L Digest 2110

